

TABLE 3G					
Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
98	0.031226	mitochondrion, complete genome	NC_001807		
169	0.022722	nuclear protein double minute 1 (MDM1), mRNA /cds=(93,2237) /gb=NM_017440 /gi=24586654 /ug=Hs.12871 /len=2942	NM_017440	Hs.12871	NP_064513
170	0.045433	Duffy blood group (FY), mRNA /cds=(495,1511) /gb=NM_002036 /gi=4503818 /ug=Hs.183 /len=1559	NM_002036	Hs.183	NP_002027
183	0.022722	cDNA FLJ13209 fis, clone NT2RP4000424. /gb=AK023271 /gi=10435130 /ug=Hs.416949 /len=2026	AK023271	Hs.416949	
342	0.039219	cytochrome c oxidase subunit VIc (COX6C), nuclear gene encoding mitochondrial protein, mRNA /cds=(61,288) /gb=NM_004374 /gi=17999531 /ug=Hs.351875 /len=444	NM_004374	Hs.351875	NP_004365
354	0.039219	stromal cell-derived factor 2 (SDF2), mRNA /cds=(40,675) /gb=NM_006923 /gi=14141194 /ug=Hs.118684 /len=1075	NM_006923	Hs.118684	NP_008854
371	0.026691	ecotropic viral integration site 2A (EVI2A), mRNA /cds=(220,918) /gb=NM_014210 /gi=7657074 /ug=Hs.70499 /len=1563	NM_014210	Hs.70499	NP_055025
380	0.039219	5'-3' exoribonuclease 2 (XRN2), mRNA /cds=(86,2938) /gb=NM_012255 /gi=18860915 /ug=Hs.268555 /len=3445	NM_012255	Hs.268555	NP_036387
437	0.00953	TCAAP1D11790 Pediatric acute myelogenous leukemia cell (FAB M1) Baylor-HGSC project=TCAA cDNA clone TCAAP1179, mRNA sequence /clone=TCAAP1179 /gb=BM144590 /gi=17161827 /ug=Hs.425539 /len=178	BM144590	Hs.425539	
447	0.011439	acid ceramidase	U70063		NP_808592
454	0.028884	BCL2/adenovirus E1B 19kDa interacting protein 3-like (BNIP3L), mRNA /cds=(83,742) /gb=NM_004331 /gi=4757859 /ug=Hs.132955 /len=1337	NM_004331	Hs.132955	NP_004322
607	0.039719	ribosomal protein S27a (RPS27A), mRNA /cds=(39,509) /gb=NM_002954 /gi=27436941 /ug=Hs.311640 /len=541	NM_002954	Hs.311640	NP_002945
629	0.049642	nuclear cap binding protein subunit 1, 80kDa (NCBP1), mRNA /cds=(31,2403) /gb=NM_002486 /gi=4505342 /ug=Hs.89563 /len=2828	NM_002486	Hs.89563	NP_002477
679	0.019262	hypothetical protein LOC51255 (LOC51255), mRNA /cds=(31,492) /gb=NM_016494 /gi=24475978 /ug=Hs.11156 /len=601	NM_016494	Hs.11156	NP_057578

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Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
703	0.039219	cytochrome b-245, beta polypeptide (chronic granulomatous disease) (CYBB), mRNA /cds=(15,1727) /gb=NM_000397 /gi=6996020 /ug=Hs.88974 /len=4266	NM_000397	Hs.88974	NP_000388
708	0.024639	cyclin L ania-6a (LOC57018), mRNA /cds=(55,1635) /gb=NM_020307 /gi=9945319 /ug=Hs.4859 /len=2076	NM_020307	Hs.4859	NP_064703
766	0.033724	tissue inhibitor of metalloproteinase 3 (Sorsby fundus dystrophy, pseudoinflammatory) (TIMP3), mRNA /cds=(1189,1824) /gb=NM_000362 /gi=21536431 /ug=Hs.245188 /len=5487	NM_000362	Hs.245188	NP_000353
769	0.00186	platelet/endothelial cell adhesion molecule (CD31 antigen) (PECAM1), mRNA /cds=(194,2410) /gb=NM_000442 /gi=21314616 /ug=Hs.78146 /len=3189	NM_000442	Hs.78146	NP_000433
770	0.031226	of Tom7 (S. cerevisiae) (TOM7), mRNA /cds=(94,261) /gb=NM_019059 /gi=9506858 /ug=Hs.112318 /len=487	NM_019059	Hs.112318	NP_061932
778	0.047644	ubiquitin-like 1 (sentrin) (UBL1), mRNA /cds=(132,437) /gb=NM_003352 /gi=20127433 /ug=Hs.81424 /len=1227	NM_003352	Hs.81424	NP_003343
798	0.016261	cytochrome c oxidase subunit VIIa polypeptide 1 (muscle) (COX7A1), nuclear gene encoding mitochondrial protein, mRNA /cds=(463,702) /gb=NM_001864 /gi=18105034 /ug=Hs.421621 /len=783	NM_001864	Hs.421621	NP_001855
800	0.039219	protein S (alpha) (PROS1), mRNA /cds=(147,2177) /gb=NM_000313 /gi=4506116 /ug=Hs.64016 /len=3309	NM_000313	Hs.64016	NP_000304
805	0.028884	ribosomal protein S17 (RPS17), mRNA /cds=(26,433) /gb=NM_001021 /gi=14591913 /ug=Hs.5174 /len=515	NM_001021	Hs.5174	NP_001012
814	0.034411	CGI-148 protein (CGI-148), mRNA /cds=(300,845) /gb=NM_016078 /gi=7705643 /ug=Hs.87295 /len=2070	NM_016078	Hs.87295	NP_057162
847	0.020932	peroxisomal biogenesis factor 3 (PEX3), mRNA /cds=(64,1185) /gb=NM_003630 /gi=4505726 /ug=Hs.7277 /len=1979	NM_003630	Hs.7277	NP_003621
866	0.04883	polycystic kidney disease 2 (autosomal dominant) (PKD2), mRNA /cds=(67,2973) /gb=NM_000297 /gi=4505834 /ug=Hs.82001 /len=5057	NM_000297	Hs.82001	NP_000288
908	0.005359	phosphoinositide-3-kinase, regulatory subunit 4, p150 (PIK3R4), mRNA /cds=(543,4619) /gb=NM_014602 /gi=23943911 /ug=Hs.83050 /len=5060	NM_014602	Hs.83050	NP_055417

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910	0.033724	CD9 antigen (p24) (CD9), mRNA /cds=(112,798) /gb=NM_001769 /gi=21237762 /ug=Hs.1244 /len=1246	NM_001769	Hs.1244	NP_001760
923	0.014917	eukaryotic translation initiation factor 3, subunit 3 gamma, 40kDa (EIF3S3), mRNA /cds=(6,1064) /gb=NM_003756 /gi=4503514 /ug=Hs.58189 /len=1280	NM_003756	Hs.58189	NP_003747
943	0.004381	XIST, coding sequence "a" mRNA (locus DXS399E). /gb=X56199 /gi=37987 /ug=Hs.352403 /len=1614	X56199	Hs.352403	
953	0.031226	mRNA for KIAA0592 protein, partial cds. /cds=(1,4062) /gb=AB011164 /gi=3043707 /ug=Hs.439367 /len=4623	AB011164	Hs.439367	
963	0.026691	nucleoporin 153kDa (NUP153), mRNA /cds=(201,4628) /gb=NM_005124 /gi=24430145 /ug=Hs.211608 /len=5687	NM_005124	Hs.211608	NP_005115
1006	0.014917	tissue inhibitor of metalloproteinase 4 (TIMP4), mRNA /cds=(60,734) /gb=NM_003256 /gi=4507514 /ug=Hs.190787 /len=1189	NM_003256	Hs.190787	NP_003247
1026	0.028884	methionine adenosyltransferase II, beta (MAT2B), mRNA /cds=(73,1077) /gb=NM_013283 /gi=20127525 /ug=Hs.54642 /len=2054	NM_013283	Hs.54642	NP_037415
1036	0.04883	mRNA for KIAA1518 protein, partial cds. /cds=(482,3112) /gb=AB040951 /gi=7959302 /ug=Hs.284208 /len=5370	AB040951	Hs.284208	NP_056308
1057	0.04883	mRNA for KIAA1609 protein, partial cds. /cds=(1,1423) /gb=AB046829 /gi=15425661 /ug=Hs.14449 /len=4683	AB046829	Hs.14449	
1114	0.012511	stromal antigen 2 (STAG2), mRNA /cds=(405,3893) /gb=NM_006603 /gi=27552767 /ug=Hs.8217 /len=4197	NM_006603	Hs.8217	NP_006594
1151	0.016261	RAD21 (S. pombe) (RAD21), mRNA /cds=(185,2080) /gb=NM_006265 /gi=5453993 /ug=Hs.81848 /len=3647	NM_006265	Hs.81848	NP_006256
1178	0.013668	cDNA: FLJ21311 fis, clone COL02167. /gb=AK024964 /gi=10437390 /ug=Hs.173933 /len=3216	AK024964	Hs.173933	NP_005586
1190	0.036386	PTH-responsive osteosarcoma B1 protein (B1), mRNA /cds=(81,2489) /gb=NM_014451 /gi=13929459 /ug=Hs.79340 /len=3331	NM_014451	Hs.79340	NP_055266
1192	0.013668	succinate dehydrogenase complex, subunit D, integral membrane protein (SDHD), nuclear gene encoding mitochondrial protein, mRNA /cds=(12,491) /gb=NM_003002 /gi=4506864 /ug=Hs.168289 /len=1313	NM_003002	Hs.168289	NP_002993

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1193	0.006524	CGI-100 protein (CGI-100), mRNA /cds=(113,802) /gb=NM_016040 /gi=19923441 /ug=Hs.348996 /len=3635	NM_016040	Hs.348996	NP_057124
1196	0.04883	FK506 binding protein 14, 22 kDa (FKBP14), mRNA /cds=(146,781) /gb=NM_017946 /gi=8923658 /ug=Hs.264636 /len=2248	NM_017946	Hs.264636	NP_060416
1200	0.028884	hypothetical gene supported by XM_000590 (LOC59176)	XM_000590		
1202	0.007185	leucyl-tRNA synthetase (LARS), mRNA /cds=(73,3603) /gb=NM_020117 /gi=24496788 /ug=Hs.6762 /len=4248	NM_020117	Hs.6762	NP_064502
1203	0.022722	phosphoenolpyruvate carboxykinase 2 (mitochondrial) (PCK2), mRNA /cds=(67,1989) /gb=NM_004563 /gi=4758885 /ug=Hs.75812 /len=2165	NM_004563	Hs.75812	NP_004554
1303	0.026691	imageqc_6_2001/snk86bdr81.y1 NIH_MGC_12 cDNA clone IMAGE:5110111 5', mRNA sequence /clone=IMAGE:5110111 /clone_end=5' /gb=BQ109159 /gi=20158813 /ug=Hs.433575 /len=604	BQ109159	Hs.433575	
1305	0.016261	cytochrome c oxidase subunit VIIc (COX7C), nuclear gene encoding mitochondrial protein, mRNA /cds=(90,281) /gb=NM_001867 /gi=18105039 /ug=Hs.430075 /len=448	NM_001867	Hs.430075	NP_001858
1306	0.036799	poly(A) binding protein, cytoplasmic 1 (PABPC1), mRNA /cds=(503,2404) /gb=NM_002568 /gi=4505574 /ug=Hs.172182 /len=2848	NM_002568	Hs.172182	NP_002559
1312	0.04883	endothelial zinc finger protein 2 (EZF-2), mRNA /cds=(234,1214) /gb=NM_018337 /gi=8922893 /ug=Hs.24545 /len=1907	NM_018337	Hs.24545	NP_060807
1374	0.011439	likely ortholog of rat p47 (p47), mRNA /cds=(86,1198) /gb=NM_016143 /gi=20149634 /ug=Hs.12865 /len=1450	NM_016143	Hs.12865	
1377	0.020932	procollagen (type III) N-endopeptidase (PCOLN3), mRNA /cds=(41,997) /gb=NM_002768 /gi=4506138 /ug=Hs.183138 /len=2474	NM_002768	Hs.183138	NP_002759
1386	0.019241	AGENCOURT_6424254 NIH_MGC_67 cDNA clone IMAGE:5491531 5', mRNA sequence /clone=IMAGE:5491531 /clone_end=5' /gb=BM479954 /gi=18528996 /ug=Hs.381243 /len=1112	BM479954	Hs.381243	

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1401	0.029086	prosaposin (variant Gaucher disease and variant metachromatic leukodystrophy) (PSAP), mRNA /cds=(39,1613) /gb=NM_002778 /gi=11386146 /ug=Hs.406455 /len=2767	NM_002778	Hs.406455	NP_002769
1414	0.001319	thyroid hormone receptor interactor 11 (TRIP11), mRNA /cds=(357,6296) /gb=NM_004239 /gi=10863904 /ug=Hs.85092 /len=6452	NM_004239	Hs.85092	NP_004230
1420	0.042232	ribosomal protein L36a-like (RPL36AL), mRNA /cds=(95,415) /gb=NM_001001 /gi=16306559 /ug=Hs.419465 /len=537	NM_001001	Hs.419465	NP_000992
1454	0.042232	Dmx-like 1 (DMXL1), mRNA /cds=(81,9164) /gb=NM_005509 /gi=21536473 /ug=Hs.181042 /len=11072	NM_005509	Hs.181042	NP_005500
1467	0.00953	SON DNA binding protein (SON), transcript variant e, mRNA /cds=(50,6376) /gb=NM_058183 /gi=21040317 /ug=Hs.92909 /len=8482	NM_058183	Hs.92909	NP_620305
1491	0.031226	KIAA0907 protein (KIAA0907), mRNA /cds=(27,1721) /gb=NM_014949 /gi=7662371 /ug=Hs.24656 /len=4500	NM_014949	Hs.24656	NP_055764
1494	0.045433	basic leucine zipper and W2 domains 2 (BZW2), mRNA /cds=(163,1422) /gb=NM_014038 /gi=7661743 /ug=Hs.5216 /len=1869	NM_014038	Hs.5216	NP_054757
1504	0.033724	myeloid cell leukemia sequence 1 (BCL2-related) (MCL1), mRNA /cds=(64,1116) /gb=NM_021960 /gi=19923213 /ug=Hs.86386 /len=3953	NM_021960	Hs.86386	NP_068779
1522	0.007185	G protein-coupled receptor 64 (GPR64), mRNA /cds=(73,3117) /gb=NM_005756 /gi=5031732 /ug=Hs.184942 /len=4665	NM_005756	Hs.184942	NP_005747
1555	0.028884	KIAA1573 mRNA protein	AB046793		
1567	0.042232	RAD21 (S. pombe) (RAD21), mRNA /cds=(185,2080) /gb=NM_006265 /gi=5453993 /ug=Hs.81848 /len=3647	NM_006265	Hs.81848	NP_006256
1575	0.033724	WW domain-containing adapter with a coiled-coil region (WAC), transcript variant 2, mRNA /cds=(332,2140) /gb=NM_100264 /gi=18379329 /ug=Hs.70333 /len=3088	NM_100264	Hs.70333	NP_567823
1598	0.024639	troponin I, skeletal, slow (TNNI1), mRNA /cds=(74,637) /gb=NM_003281 /gi=21361554 /ug=Hs.84673 /len=1108	NM_003281	Hs.84673	NP_003272
1613	0.014917	IQ motif containing GTPase activating protein 1 (IQGAP1), mRNA /cds=(468,5441) /gb=NM_003870 /gi=4506786 /ug=Hs.1742 /len=7573	NM_003870	Hs.1742	NP_003861

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1652	0.042232	procollagen-lysine, 2-oxoglutarate 5-dioxygenase (lysine hydroxylase, Ehlers-Danlos syndrome type VI) (PLOD), mRNA /cds=(201,2384) /gb=NM_000302 /gi=4557836 /ug=Hs.75093 /len=3115	NM_000302	Hs.75093	NP_000293
1704	0.016261	zinc finger protein 9 (a cellular retroviral nucleic acid binding protein) (ZNF9), mRNA /cds=(103,636) /gb=NM_003418 /gi=4827070 /ug=Hs.2110 /len=1500	NM_003418	Hs.2110	NP_003409
1750	0.04278	protein phosphatase 1, regulatory (inhibitor) subunit 11 (PPP1R11), transcript variant 2, mRNA /cds=(200,343) /gb=NM_170781 /gi=25777672 /ug=Hs.82887 /len=1712	NM_170781	Hs.82887	NP_740751
1797	0.04883	cDNA FLJ14066 fis, clone HEMBB1001197. /gb=AK024128 /gi=10436433 /ug=Hs.306665 /len=2086	AK024128	Hs.306665	
1832	0.022722	ubiquitin protein ligase (UBE3B), mRNA /cds=(585,3791) /gb=NM_130466 /gi=26080339 /ug=Hs.17639 /len=5731	NM_130466	Hs.17639	NP_569733
1858	0.03318	cDNA FLJ41000 fis, clone UTERU2016761, highly similar to ES/130 mRNA. /gb=AK098319 /gi=21758311 /ug=Hs.356310 /len=2196	AK098319	Hs.356310	
1859	0.046446	golgi reassembly stacking protein 1, 65kDa (GORASP1), mRNA /cds=(99,1421) /gb=NM_031899 /gi=13994252 /ug=Hs.4291 /len=2998	NM_031899	Hs.4291	NP_114105
1952	0.022722	target of myb1 (chicken) (TOM1), mRNA /cds=(62,1540) /gb=NM_005488 /gi=4885636 /ug=Hs.9482 /len=2310	NM_005488	Hs.9482	NP_005479
1967	0.026691	CTL2 gene (CTL2), mRNA /cds=(1,2121) /gb=NM_020428 /gi=9966908 /ug=Hs.105509 /len=2121	NM_020428	Hs.105509	NP_065161
1987	0.004381	hypothetical protein MGC8721 (MGC8721), mRNA /cds=(17,1036) /gb=NM_016127 /gi=18252054 /ug=Hs.279921 /len=1840	NM_016127	Hs.279921	NP_057211
2002	0.042232	ANG2 (ANG2)	AF024631		NP_008917
2005	0.016261	class I histone deacetylase (HDAC8)	AF230097		NP_060956
2017	0.004849	nephronophthisis 1 (juvenile) (NPHP1), mRNA /cds=(34,2232) /gb=NM_000272 /gi=4557804 /ug=Hs.75474 /len=3713	NM_000272	Hs.75474	NP_000263
2024	0.04883	family with sequence similarity 8, member A1 (FAM8A1), mRNA /cds=(56,1297) /gb=NM_016255 /gi=7705267 /ug=Hs.95260 /len=4695	NM_016255	Hs.95260	NP_057339

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2033	0.004381	calmodulin 1 (phosphorylase kinase, delta) (CALM1), mRNA /cds=(200,649) /gb=NM_006888 /gi=5901911 /ug=Hs.282410 /len=1526	NM_006888	Hs.282410	NP_008819
2047	0.042232	p8 protein (candidate of metastasis 1) (P8), mRNA /cds=(103,351) /gb=NM_012385 /gi=6912569 /ug=Hs.424279 /len=719	NM_012385	Hs.424279	NP_036517
2048	0.003208	mRNA for KIAA0701 protein, partial cds. /cds=(1,4065) /gb=AB014601 /gi=20521136 /ug=Hs.153293 /len=4625	AB014601	Hs.153293	
2059	0.008683	hypothetical protein FLJ20337 (FLJ20337), mRNA /cds=(148,639) /gb=NM_017772 /gi=8923313 /ug=Hs.26898 /len=2491	NM_017772	Hs.26898	NP_060242
2080	0.016261	brefeldin A-inhibited guanine nucleotide-exchange protein 1 (BIG1), mRNA /cds=(142,5691) /gb=NM_006421 /gi=6715588 /ug=Hs.94631 /len=6969	NM_006421	Hs.94631	NP_006412
2139	0.013668	KIAA0916 protein (KIAA0916), mRNA /cds=(147,14072) /gb=NM_015057 /gi=7662379 /ug=Hs.151411 /len=14807	NM_015057	Hs.151411	NP_055872
2144	0.004849	quiescin Q6 (QSCN6), mRNA /cds=(76,2319) /gb=NM_002826 /gi=13325074 /ug=Hs.77266 /len=3314	NM_002826	Hs.77266	NP_002817
2152	0.031226	CGI-72 protein (LOC51105), mRNA /cds=(70,1401) /gb=NM_016018 /gi=7705782 /ug=Hs.318725 /len=1763	NM_016018	Hs.318725	NP_057102
2170	0.026691	splicing factor 3b, subunit 1, 155kDa (SF3B1), mRNA /cds=(1,3915) /gb=NM_012433 /gi=6912653 /ug=Hs.334826 /len=4259	NM_012433	Hs.334826	NP_036565
2209	0.012511	mRNA; cDNA DKFZp667O2119 (from clone DKFZp667O2119) /gb=AL832314 /gi=21732861 /ug=Hs.180789 /len=6868	AL832314	Hs.180789	
2228	0.039219	clone MGC:15451 IMAGE:2960796, mRNA, complete cds /cds=(381,2660) /gb=BC014640 /gi=15779149 /ug=Hs.403836 /len=3479	BC014640	Hs.403836	
2271	0.006524	transcription factor IGHM enhancer 3, JM11 protein, JM4 protein, JM5 protein, T54 protein, JM10 protein, A4 differentiation-dependent protein, triple LIM domain protein 6, and synaptophysin genes, complete cds; and L-type calcium channel a>	AF196779		

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2278	0.045433	latent transforming growth factor beta binding protein 1 (LTBP1), mRNA /cds=(91,4275) /gb=NM_000627 /gi=4557730 /ug=Hs.241257 /len=5075	NM_000627	Hs.241257	NP_000618
2326	0.006524	formin binding protein 4 (FNBP4), mRNA /cds=(28,3075) /gb=NM_015308 /gi=24308032 /ug=Hs.6834 /len=3995	NM_015308	Hs.6834	NP_056123
2334	0.010447	androgen induced protein (AIG-1), mRNA /cds=(28,744) /gb=NM_016108 /gi=7705269 /ug=Hs.107528 /len=1398	NM_016108	Hs.107528	NP_057192
2348	0.039219	neuropilin-2 (a5)	AF022861		
2402	0.045433	aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase) (AKR7A2), mRNA /cds=(78,1070) /gb=NM_003689 /gi=4502020 /ug=Hs.6980 /len=1331	NM_003689	Hs.6980	NP_003680
2414	0.011439	metaxin 1 (MTX1), mRNA /cds=(1,954) /gb=NM_002455 /gi=4505280 /ug=Hs.247551 /len=1065	NM_002455	Hs.247551	NP_002446
2444	0.045433	germ line gene homologous to bladder carcinoma oncogene T24 (Gene code c-Ha-ras-1)with four exons	V00574		
2510	0.016261	EST (xm35g05.x1 NCI_CGAP_GC6 cDNA clone IMAGE:2686232:3')	AW196683		NP_004958
2511	0.020932	ribosomal protein L35a (RPL35A), mRNA /cds=(74,406) /gb=NM_000996 /gi=16117790 /ug=Hs.288544 /len=511	NM_000996	Hs.288544	NP_000987
2536	0.04883	H3 histone, family 3B (H3.3B) (H3F3B), mRNA /cds=(118,528) /gb=NM_005324 /gi=21264598 /ug=Hs.180877 /len=1662	NM_005324	Hs.180877	NP_005315
2539	0.024639	Similar to hypothetical protein DKFZp547I224, clone IMAGE:5271326, mRNA /gb=BC039372 /gi=25058800 /ug=Hs.439358 /len=2494	BC039372	Hs.439358	
2564	0.010447	mitochondrion, complete genome	NC_001807		
2577	0.024639	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 4, 15kDa (NDUFB4), mRNA /cds=(9,398) /gb=NM_004547 /gi=6041668 /ug=Hs.227750 /len=464	NM_004547	Hs.227750	NP_004538
2620	0.04883	pleckstrin domain containing, family A (phosphoinositide binding specific) member 4 (PLEKHA4), mRNA /cds=(526,2865) /gb=NM_020904 /gi=10190743 /ug=Hs.9469 /len=3056	NM_020904	Hs.9469	NP_065955
2625	0.010447	hypothetical protein (KIAA0714)	AB018257		
2629	0.045433	similar to S. pombe dim1 (DIM1), mRNA /cds=(141,569) /gb=NM_006701 /gi=20070233 /ug=Hs.433683 /len=1415	NM_006701	Hs.433683	NP_006692



Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
2704	0.007185	angiotensin like 2 (AMOTL2), mRNA /cds=(1,1712) /gb=NM_016201 /gi=7705577 /ug=Hs.92186 /len=3542	NM_016201	Hs.92186	
2705	0.039219	H3 histone, family 3B (H3.3B) (H3F3B), mRNA /cds=(118,528) /gb=NM_005324 /gi=21264598 /ug=Hs.180877 /len=1662	NM_005324	Hs.180877	NP_005315
2706	0.019262	nuclear receptor interacting protein 1 (NRIP1), mRNA /cds=(288,3764) /gb=NM_003489 /gi=4505454 /ug=Hs.155017 /len=7247	NM_003489	Hs.155017	NP_003480
2741	0.017708	golgi SNAP receptor complex member 1 (GOSR1), mRNA /cds=(13,765) /gb=NM_004871 /gi=4758455 /ug=Hs.8868 /len=999	NM_004871	Hs.8868	NP_004862
2743	0.04883	clone MGC:9947 IMAGE:3876105, mRNA, complete cds /cds=(51,2216) /gb=BC013590 /gi=15488925 /ug=Hs.2437 /len=2651	BC013590	Hs.2437	
2791	0.028884	hypothetical protein FLJ10283 (FLJ10283), mRNA /cds=(218,1039) /gb=NM_018046 /gi=8922325 /ug=Hs.284216 /len=1876	NM_018046	Hs.284216	NP_060516
2815	0.039219	proteasome (prosome, macropain) subunit, alpha type, 6 (PSMA6), mRNA /cds=(110,850) /gb=NM_002791 /gi=23110943 /ug=Hs.410276 /len=1035	NM_002791	Hs.410276	NP_002782
2816	0.04883	CD109 (CD109), mRNA /cds=(113,4450) /gb=NM_133493 /gi=19424129 /ug=Hs.55964 /len=5883	NM_133493	Hs.55964	NP_598000
2862	0.008683	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 3 (DDX3), transcript variant 2, mRNA /cds=(857,2845) /gb=NM_001356 /gi=13514812 /ug=Hs.380774 /len=5322	NM_001356	Hs.380774	NP_076829
2872	0.033724	oxysterol binding protein-like 8 (OSBPL8), mRNA /cds=(481,3150) /gb=NM_020841 /gi=22035617 /ug=Hs.109694 /len=7239	NM_020841	Hs.109694	NP_065892
2883	0.033724	thymosin, beta 10 (TMSB10), mRNA /cds=(66,200) /gb=NM_021103 /gi=10863894 /ug=Hs.76293 /len=453	NM_021103	Hs.76293	NP_066926
2887	0.019262	RNA binding motif protein 12 (RBM12), transcript variant 1, mRNA /cds=(275,3073) /gb=NM_006047 /gi=23510460 /ug=Hs.180895 /len=6650	NM_006047	Hs.180895	NP_690051
2891	0.036386	patched related protein translocated in renal cancer (TRC8), mRNA /cds=(215,2209) /gb=NM_007218 /gi=21314653 /ug=Hs.28285 /len=2481	NM_007218	Hs.28285	NP_009149

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
2948	0.042232	endothelial differentiation-related factor 1 (EDF1), transcript variant alpha, mRNA /cds=(29,475) /gb=NM_003792 /gi=24497592 /ug=Hs.174050 /len=658	NM_003792	Hs.174050	NP_694880
2950	0.008683	cytochrome c oxidase subunit IV isoform 1 (COX4I1), nuclear gene encoding mitochondrial protein, mRNA /cds=(165,674) /gb=NM_001861 /gi=17017985 /ug=Hs.433419 /len=802	NM_001861	Hs.433419	NP_001852
2978	0.017708	RAB6A, member RAS oncogene family (RAB6A), mRNA /cds=(427,1053) /gb=NM_002869 /gi=19923230 /ug=Hs.5636 /len=3079	NM_002869	Hs.5636	NP_002860
2987	0.045433	nucleolar autoantigen (55kD) similar to rat synaptonemal complex protein (SC65), mRNA /cds=(12,1325) /gb=NM_006455 /gi=5454037 /ug=Hs.446459 /len=2347	NM_006455	Hs.446459	NP_006446
2989	0.039219	hypothetical protein DKFZp434B195 (DKFZP434B195), mRNA /cds=(514,1290) /gb=NM_031284 /gi=21361960 /ug=Hs.10748 /len=2262	NM_031284	Hs.10748	NP_112574
2993	0.017708	integrin beta 4 binding protein (ITGB4BP), mRNA /cds=(71,808) /gb=NM_002212 /gi=4504770 /ug=Hs.406444 /len=1112	NM_002212	Hs.406444	NP_002203
3011	0.045433	mitochondrion, complete genome	NC_001807		
3060	0.028884	RAD50 (S. cerevisiae) (RAD50), transcript variant 1, mRNA /cds=(388,4326) /gb=NM_005732 /gi=19924128 /ug=Hs.41587 /len=5891	NM_005732	Hs.41587	NP_597816
3068	0.00953	deiodinase, iodothyronine, type II (DIO2), transcript variant 1, mRNA /cds=(707,1528) /gb=NM_013989 /gi=7549802 /ug=Hs.154424 /len=6735	NM_013989	Hs.154424	NP_054644
3071	0.020932	endothelin receptor type A (EDNRA), mRNA /cds=(485,1768) /gb=NM_001957 /gi=4503464 /ug=Hs.76252 /len=4105	NM_001957	Hs.76252	NP_001948
3077	0.013668	mRNA; cDNA DKFZp586E1120 (from clone DKFZp586E1120) /gb=AL049437 /gi=4500220 /ug=Hs.351178 /len=2141	AL049437	Hs.351178	
3085	0.022722	PEF protein with a long N-terminal hydrophobic domain (pefflin) (PEF), mRNA /cds=(13,867) /gb=NM_012392 /gi=6912581 /ug=Hs.241531 /len=1641	NM_012392	Hs.241531	NP_036524
3088	0.026691	sulfotransferase family, cytosolic, 1C, member 2 (SULT1C2), mRNA /cds=(330,1238) /gb=NM_006588 /gi=5730070 /ug=Hs.312644 /len=2143	NM_006588	Hs.312644	NP_006579

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
3090	0.04883	Similar to kinesin family member C1, clone MGC:1202 IMAGE:3506669, mRNA, complete cds /cds=(168,2189) /gb=BC000712 /gi=12653842 /ug=Hs.20830 /len=2400	BC000712	Hs.20830	NP_002254
3094	0.033724	SON DNA binding protein (SON), transcript variant e, mRNA /cds=(50,6376) /gb=NM_058183 /gi=21040317 /ug=Hs.92909 /len=8482	NM_058183	Hs.92909	NP_620305
3102	0.036386	deoxyribonuclease I-like 3 (DNASE1L3), mRNA /cds=(71,988) /gb=NM_004944 /gi=4826697 /ug=Hs.88646 /len=1079	NM_004944	Hs.88646	NP_004935
3113	0.04883	phosphodiesterase 4D interacting protein (myomegalin) (PDE4DIP), mRNA /cds=(658,4056) /gb=NM_014644 /gi=11036643 /ug=Hs.265848 /len=5676	NM_014644	Hs.265848	NP_055459
3137	0.028884	yp24c06.s1 Soares breast 3NbHBst cDNA clone IMAGE:188362 3' similar to gb:M10942_cds1 metallothionein-le gene mRNA sequence /clone=IMAGE:188362 /clone_end=3' /gb=H43642 /gi=919694 /ug=Hs.418241 /len=452	H43642	Hs.418241	
3151	0.028884	hypothetical protein FLJ37440 (FLJ37440), mRNA /cds=(272,1591) /gb=NM_153214 /gi=23397470 /ug=Hs.355577 /len=2299	NM_153214	Hs.355577	NP_694946
3164	0.039219	adenylyl cyclase-associated protein 2 (CAP2), mRNA /cds=(84,1517) /gb=NM_006366 /gi=5453592 /ug=Hs.296341 /len=1517	NM_006366	Hs.296341	NP_006357
3166	0.022722	hypothetical protein FLJ13855 (FLJ13855), mRNA /cds=(328,1068) /gb=NM_023079 /gi=20149671 /ug=Hs.168232 /len=3053	NM_023079	Hs.168232	NP_075567
3187	0.00208	clone IMAGE:5229459, mRNA /gb=BC044229 /gi=28277403 /ug=Hs.266263 /len=2044	BC044229	Hs.266263	
3198	0.039219	cDNA: FLJ21691 fis, clone COL09555. /gb=AK025344 /gi=10437842 /ug=Hs.141003 /len=1824	AK025344	Hs.141003	
3204	5.63E-04	clone IMAGE:5263531, mRNA /gb=BC037740 /gi=22902216 /ug=Hs.18016 /len=5036	BC037740	Hs.18016	
3336	0.017708	stromal antigen 2 (STAG2), mRNA /cds=(405,3893) /gb=NM_006603 /gi=27552767 /ug=Hs.8217 /len=4197	NM_006603	Hs.8217	NP_006594

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
3367	0.033724	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor) (NR3C1), mRNA /cds=(133,2466) /gb=NM_000176 /gi=4504132 /ug=Hs.75772 /len=4788	NM_000176	Hs.75772	NP_000167
3376	0.031226	trichorhinophalangeal syndrome I (TRPS1), mRNA /cds=(639,4484) /gb=NM_014112 /gi=7657658 /ug=Hs.26102 /len=10011	NM_014112	Hs.26102	NP_054831
3392	0.039219	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 6, 14kDa (NDUFA6), mRNA /cds=(2,388) /gb=NM_002490 /gi=20070136 /ug=Hs.274416 /len=1063	NM_002490	Hs.274416	NP_002481
3397	0.036386	chromosome 20 open reading frame 6 (C20orf6), mRNA /cds=(109,2664) /gb=NM_016649 /gi=22507381 /ug=Hs.88820 /len=3216	NM_016649	Hs.88820	NP_057733
3400	0.028884	KH domain containing, RNA binding, signal transduction associated 1 (KHDRBS1), mRNA /cds=(107,1438) /gb=NM_006559 /gi=5730026 /ug=Hs.119537 /len=2685	NM_006559	Hs.119537	NP_006550
3407	0.017708	BCL2/adenovirus E1B 19kD-interacting protein 3-like (BNIP3L)	XM_048077		
3429	0.039219	family with sequence similarity 13, member A1 (FAM13A1), mRNA /cds=(227,2320) /gb=NM_014883 /gi=7662375 /ug=Hs.177664 /len=4491	NM_014883	Hs.177664	NP_055698
3440	0.031226	TERF1 (TRF1)-interacting nuclear factor 2 (TINF2), mRNA /cds=(263,1327) /gb=NM_012461 /gi=6912715 /ug=Hs.7797 /len=2095	NM_012461	Hs.7797	NP_036593
3482	0.039219	proteasome (prosome, macropain) 26S subunit, ATPase, 5 (PSMC5), mRNA /cds=(42,1262) /gb=NM_002805 /gi=24497434 /ug=Hs.79387 /len=1332	NM_002805	Hs.79387	NP_002796
3491	0.020932	cDNA: FLJ22071 fis, clone HEP11691. /gb=AK025724 /gi=10438333 /ug=Hs.422407 /len=2047	AK025724	Hs.422407	
3518	0.012381	hypothetical protein FLJ23548 (FLJ23548), mRNA /cds=(204,713) /gb=NM_024590 /gi=13375780 /ug=Hs.22895 /len=1871	NM_024590	Hs.22895	NP_078866
3521	0.026691	ubiquitin-like, containing PHD and RING finger domains 2 (URF2), transcript variant 1, mRNA /cds=(341,1852) /gb=NM_152306 /gi=23312361 /ug=Hs.348602 /len=3720	NM_152306	Hs.348602	NP_690856

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
3535	0.003954	mRNA; cDNA DKFZp761C169 (from clone DKFZp761C169); partial cds /cds=(997,2475) /gb=AL161991 /gi=7328122 /ug=Hs.71252 /len=3324	AL161991	Hs.71252	NP_075064
3536	0.045433	mRNA for KIAA1367 protein, partial cds. /cds=(1,1741) /gb=AB037788 /gi=7243114 /ug=Hs.224961 /len=4196	AB037788	Hs.224961	
3539	0.042232	ubiquitin C (UBC), mRNA /cds=(136,2193) /gb=NM_021009 /gi=20149305 /ug=Hs.183704 /len=2309	NM_021009	Hs.183704	NP_066289
3540	0.012511	nucleoporin 155kDa (NUP155), transcript variant 1, mRNA /cds=(119,4294) /gb=NM_153485 /gi=24430148 /ug=Hs.23255 /len=4355	NM_153485	Hs.23255	NP_705618
3544	0.031226	mRNA for KIAA1999 protein. /cds=(1,3829) /gb=AB082530 /gi=21693143 /ug=Hs.9343 /len=8213	AB082530	Hs.9343	
3550	0.019262	chromosome 14 open reading frame 31 (C14orf31), mRNA /cds=(246,2090) /gb=NM_152330 /gi=22748720 /ug=Hs.250705 /len=4528	NM_152330	Hs.250705	NP_689543
3572	0.024639	KIAA0171 gene product (KIAA0171)	NM_014666		NP_055481
3578	0.00208	DKFZp586D2322 (from clone DKFZp586D2322)	AL049455		NP_001928
3619	0.042232	cytochrome c oxidase subunit IV isoform 1 (COX4I1), nuclear gene encoding mitochondrial protein, mRNA /cds=(165,674) /gb=NM_001861 /gi=17017985 /ug=Hs.433419 /len=802	NM_001861	Hs.433419	NP_001852
3626	0.017708	paired basic amino acid cleaving system 4 (PACE4), transcript variant 1, mRNA /cds=(315,3224) /gb=NM_002570 /gi=20336178 /ug=Hs.170414 /len=4553	NM_002570	Hs.170414	NP_612198
3633	0.026691	DiGeorge syndrome critical region gene 6-like (DGCR6L), mRNA /cds=(98,760) /gb=NM_033257 /gi=15718677 /ug=Hs.347285 /len=1182	NM_033257	Hs.347285	NP_150282
3634	0.026691	FLJ13067 fis, clone NT2RP3001712, highly similar to Homo sapiens HP1-BP74 protein mRNA /cds=UNKNOWN /gb=AK023129 /gi=10434909 /ug=Hs.142442 /len=3913	AK023129	Hs.142442	NP_057371
3640	0.031226	PTD015 protein (PTD015), mRNA /cds=(148,504) /gb=NM_014040 /gi=7662642 /ug=Hs.95870 /len=620	NM_014040	Hs.95870	NP_054759
3678	0.045433	immunoglobulin superfamily, member 9 (IGSF9), mRNA /cds=(208,3699) /gb=NM_020789 /gi=21357326 /ug=Hs.38002 /len=4024	NM_020789	Hs.38002	NP_065840

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
3726	0.008683	phosphofructokinase, liver (PFKL), mRNA /cds=(356,2839) /gb=NM_002626 /gi=21361069 /ug=Hs.155455 /len=3385	NM_002626	Hs.155455	NP_002617
3769	0.042232	signal transducer and activator of transcription 3 (acute-phase response factor) (STAT3), transcript variant 1, mRNA /cds=(241,2553) /gb=NM_139276 /gi=21618339 /ug=Hs.321677 /len=3455	NM_139276	Hs.321677	NP_644805
3796	0.016261	immunoglobulin light chain	D87000		
3809	0.033724	DiGeorge syndrome critical region gene 6-like (DGCR6L), mRNA /cds=(98,760) /gb=NM_033257 /gi=15718677 /ug=Hs.347285 /len=1182	NM_033257	Hs.347285	NP_150282
3833	0.039219	linker for activation of T cells (LAT), mRNA /cds=(79,867) /gb=NM_014387 /gi=24475949 /ug=Hs.83496 /len=1460	NM_014387	Hs.83496	NP_055202
3883	0.04883	Meis1, myeloid ecotropic viral integration site 1 (mouse) (MEIS1), mRNA /cds=(66,1238) /gb=NM_002398 /gi=4505150 /ug=Hs.170177 /len=2511	NM_002398	Hs.170177	NP_002389
3907	0.005359	Ig superfamily protein (Z39IG), mRNA /cds=(46,1245) /gb=NM_007268 /gi=6005957 /ug=Hs.8904 /len=1787	NM_007268	Hs.8904	NP_009199
3916	0.011439	integral inner nuclear membrane protein (MAN1), mRNA /cds=(7,2742) /gb=NM_014319 /gi=7706606 /ug=Hs.7256 /len=4703	NM_014319	Hs.7256	NP_055134
3940	0.026691	calpain 2, (m/II) large subunit (CAPN2), mRNA /cds=(143,2245) /gb=NM_001748 /gi=12408645 /ug=Hs.76288 /len=3419	NM_001748	Hs.76288	NP_001739
3950	0.045433	B-cell translocation gene 1, anti-proliferative (BTG1)	NM_001731		NP_001722
3982	0.016261	ORF2 consensus sequence encoding endonuclease and reverse transcriptase minus RNaseH	AAB41224		
3990	0.019262	hypothetical protein HSPC155 (HSPC155), mRNA /cds=(241,744) /gb=NM_016406 /gi=7705480 /ug=Hs.177507 /len=1137	NM_016406	Hs.177507	NP_057490
3993	0.033724	fatty acid binding protein 4, adipocyte (FABP4), mRNA /cds=(48,446) /gb=NM_001442 /gi=4557578 /ug=Hs.391561 /len=619	NM_001442	Hs.391561	NP_001433
4001	0.042232	BCL2-like 13 (apoptosis facilitator) (BCL2L13), nuclear gene encoding mitochondrial protein, mRNA /cds=(72,1232) /gb=NM_015367 /gi=7662505 /ug=Hs.10267 /len=3024	NM_015367	Hs.10267	NP_056182

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4006	0.036386	protein kinase D2 (PRKD2), mRNA /cds=(40,2676) /gb=NM_016457 /gi=19923467 /ug=Hs.91146 /len=2900	NM_016457	Hs.91146	NP_057541
4019	0.028884	BCG-induced gene in monocytes, clone 103 (BIGM103), mRNA /cds=(478,1860) /gb=NM_022154 /gi=24586664 /ug=Hs.284205 /len=3246	NM_022154	Hs.284205	NP_071437
4056	0.004849	Gene 33/Mig-6 (MIG-6), mRNA /cds=(213,1601) /gb=NM_018948 /gi=21314673 /ug=Hs.11169 /len=3099	NM_018948	Hs.11169	NP_061821
4069	0.012511	mRNA for KIAA0256 protein, partial cds. /cds=(136,3468) /gb=D87445 /gi=6634006 /ug=Hs.432934 /len=7071	D87445	Hs.432934	
4111	0.022722	estrogen related receptor alpha (ESTRA) pseudogene	U85258		
4112	0.028884	hypothetical protein FLJ22555 (FLJ22555), mRNA /cds=(323,1198) /gb=NM_024520 /gi=13375659 /ug=Hs.3592 /len=1530	NM_024520	Hs.3592	NP_078796
4118	0.005359	HSPC154 protein (HSPC154), mRNA /cds=(200,946) /gb=NM_014177 /gi=7661809 /ug=Hs.7922 /len=1343	NM_014177	Hs.7922	NP_054896
4126	0.019262	TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55kDa (TAF7), mRNA /cds=(741,1790) /gb=NM_005642 /gi=14717406 /ug=Hs.155188 /len=2310	NM_005642	Hs.155188	NP_005633
4159	0.042232	suppressor of Ty 3 (S. cerevisiae) (SUPT3H), mRNA /cds=(72,1025) /gb=NM_003599 /gi=4507308 /ug=Hs.304173 /len=1165	NM_003599	Hs.304173	NP_003590
4160	0.006524	BPAG1n3 (BPAG1)	AF165191		NP_065121
4181	0.045433	KIAA0663 gene product (KIAA0663), mRNA /cds=(214,2646) /gb=NM_014827 /gi=7662231 /ug=Hs.17969 /len=4365	NM_014827	Hs.17969	NP_055642
4185	0.016261	APR-1 protein (MAGEH1), mRNA /cds=(271,930) /gb=NM_014061 /gi=18105051 /ug=Hs.279819 /len=1475	NM_014061	Hs.279819	NP_054780
4188	0.039219	secreted protein of unknown function (SPUF), mRNA /cds=(16,534) /gb=NM_013349 /gi=20127529 /ug=Hs.109494 /len=953	NM_013349	Hs.109494	NP_037481
4201	0.014917	cytochrome c oxidase subunit VIb (COX6B), nuclear gene encoding mitochondrial protein, mRNA /cds=(163,423) /gb=NM_001863 /gi=17999530 /ug=Hs.431668 /len=578	NM_001863	Hs.431668	NP_001854

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4206	0.017708	ring finger protein 4 (RNF4), mRNA /cds=(271,843) /gb=NM_002938 /gi=4506560 /ug=Hs.66394 /len=2918	NM_002938	Hs.66394	NP_002929
4246	0.013553	hypothetical protein MGC10471 (MGC10471), mRNA /cds=(227,1417) /gb=NM_030818 /gi=13540613 /ug=Hs.24998 /len=1688	NM_030818	Hs.24998	NP_110445
4254	0.020932	PA28 gamma subunit (Psme3)	AB007139		
4300	0.020932	hypothetical protein MBC3205 (MBC3205), mRNA /cds=(215,784) /gb=NM_033408 /gi=15529965 /ug=Hs.43621 /len=961	NM_033408	Hs.43621	
4383	0.012511	ribosomal protein S26 (RPS26), mRNA /cds=(26,373) /gb=NM_001029 /gi=15011935 /ug=Hs.299465 /len=459	NM_001029	Hs.299465	NP_001020
4392	0.024639	hypothetical protein MGC14697 (MGC14697), mRNA /cds=(264,440) /gb=NM_032747 /gi=14249375 /ug=Hs.171625 /len=581	NM_032747	Hs.171625	NP_116136
4394	0.014917	Likely ortholog of mouse tumor necrosis-alpha-induced adipose-related protein, cDNA FLJ14901 fis, clone PLACE1005409 (AK027807.1)	AK027807	Hs.44208	NP_078912
4407	0.007185	15 kDa selenoprotein (SEP15), mRNA /cds=(5,493) /gb=NM_004261 /gi=20127464 /ug=Hs.90606 /len=1519	NM_004261	Hs.90606	NP_004252
4419	0.033724	KIAA0742	AB018285		NP_060903
4420	0.011439	Machado-Joseph disease (spinocerebellar ataxia 3, olivopontocerebellar ataxia 3, autosomal dominant, ataxin 3) (MJD), transcript variant 1, mRNA /cds=(59,1144) /gb=NM_004993 /gi=13518018 /ug=Hs.66521 /len=1900	NM_004993	Hs.66521	NP_109376
4435	0.020932	clone IMAGE:3633225, mRNA /gb=BC012758 /gi=15706478 /ug=Hs.356377 /len=1914	BC012758	Hs.356377	
4439	0.007185	retinoblastoma binding protein 6 (RBBP6), mRNA /cds=(92,2938) /gb=NM_006910 /gi=5902043 /ug=Hs.91065 /len=2994	NM_006910	Hs.91065	NP_008841
4462	0.042232	collagen, type I, alpha 2 (COL1A2), mRNA /cds=(138,4238) /gb=NM_000089 /gi=21536289 /ug=Hs.179573 /len=5084	NM_000089	Hs.179573	NP_000080
4496	0.00953	proteasome (prosome, macropain) subunit, beta type, 5 (PSMB5), mRNA /cds=(20,811) /gb=NM_002797 /gi=22538468 /ug=Hs.261927 /len=1050	NM_002797	Hs.261927	NP_002788



Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4507	0.018462	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase) (PTGS2), mRNA /cds=(135,1949) /gb=NM_000963 /gi=4506264 /ug=Hs.196384 /len=4465	NM_000963	Hs.196384	NP_000954
4510	0.014917	integrin, alpha 6 (ITGA6), mRNA /cds=(147,3368) /gb=NM_000210 /gi=4557674 /ug=Hs.227730 /len=5611	NM_000210	Hs.227730	NP_000201
4572	0.005359	neuroligin 3	AF217413		
4577	0.013668	biliverdin reductase A (BLVRA), mRNA /cds=(61,951) /gb=NM_000712 /gi=4502416 /ug=Hs.81029 /len=1070	NM_000712	Hs.81029	NP_000703
4622	0.020932	hypothetical protein FLJ11756 (FLJ11756), mRNA /cds=(375,2795) /gb=NM_024606 /gi=24431999 /ug=Hs.27497 /len=3167	NM_024606	Hs.27497	NP_078882
4626	0.04883	nuclear receptor coactivator 4 (NCOA4), mRNA /cds=(141,1985) /gb=NM_005437 /gi=14149616 /ug=Hs.99908 /len=3506	NM_005437	Hs.99908	NP_005428
4631	0.036386	chemokine (C-X-C motif) ligand 9 (CXCL9), mRNA /cds=(40,417) /gb=NM_002416 /gi=4505186 /ug=Hs.77367 /len=2545	NM_002416	Hs.77367	NP_002407
4639	0.036386	ym45h08.s1 Soares infant brain 1NIB cDNA clone IMAGE:51273 3', mRNA sequence /clone=IMAGE:51273 /clone_end=3' /gb=H18675 /gi=884915 /ug=Hs.314777 /len=191	H18675	Hs.314777	
4693	0.036386	H3 histone, family 3B (H3.3B) (H3F3B), mRNA /cds=(118,528) /gb=NM_005324 /gi=21264598 /ug=Hs.180877 /len=1662	NM_005324	Hs.180877	NP_005315
4694	0.024639	hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor) (HIF1A), mRNA /cds=(265,2745) /gb=NM_001530 /gi=4504384 /ug=Hs.197540 /len=3933	NM_001530	Hs.197540	NP_851397
4701	0.017708	ubiquitin-like 5 (UBL5), mRNA /cds=(66,287) /gb=NM_024292 /gi=13236509 /ug=Hs.13836 /len=413	NM_024292	Hs.13836	NP_077268
4710	0.04883	vinculin (VCL), transcript variant meta-VCL, mRNA /cds=(86,3490) /gb=NM_014000 /gi=7669549 /ug=Hs.75350 /len=5341	NM_014000	Hs.75350	NP_054706
4736	0.026691	E74-like factor 1 (ets domain transcription factor) (ELF1), mRNA /cds=(256,2115) /gb=NM_172373 /gi=27363483 /ug=Hs.154365 /len=3526	NM_172373	Hs.154365	NP_758961

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4747	0.036386	leucine zipper transcription factor-like 1 (LZTFL1), mRNA /cds=(125,1024) /gb=NM_020347 /gi=9966792 /ug=Hs.30824 /len=3384	NM_020347	Hs.30824	NP_065080
4751	0.031226	hypothetical protein (HSPC117), mRNA /cds=(76,1593) /gb=NM_014306 /gi=7657014 /ug=Hs.10729 /len=2005	NM_014306	Hs.10729	NP_055121
4779	0.045433	signal sequence receptor, alpha (translocon-associated protein alpha) (SSR1), mRNA /cds=(112,972) /gb=NM_003144 /gi=6552340 /ug=Hs.250773 /len=3285	NM_003144	Hs.250773	NP_003135
4781	0.036386	ARP2 actin-related protein 2 (yeast) (ACTR2), mRNA /cds=(75,1259) /gb=NM_005722 /gi=5031570 /ug=Hs.393201 /len=2704	NM_005722	Hs.393201	NP_005713
4805	0.036386	high-mobility group box 1 (HMGB1), mRNA /cds=(77,724) /gb=NM_002128 /gi=20149538 /ug=Hs.6727 /len=1207	NM_002128	Hs.6727	NP_002119
4819	0.031226	ribosomal protein L28 (RPL28), mRNA /cds=(43,456) /gb=NM_000991 /gi=13904865 /ug=Hs.356371 /len=500	NM_000991	Hs.356371	NP_000982
4838	0.028884	protein tyrosine phosphatase, receptor type, K (PTPRK), mRNA /cds=(221,4543) /gb=NM_002844 /gi=18860901 /ug=Hs.79005 /len=5982	NM_002844	Hs.79005	NP_002835
4868	0.019262	MLL septin-like fusion (MSF), mRNA /cds=(258,1964) /gb=NM_006640 /gi=19923366 /ug=Hs.181002 /len=3929	NM_006640	Hs.181002	NP_006631
4876	0.026691	solute carrier family 17 (anion/sugar transporter), member 5 (SLC17A5), mRNA /cds=(125,1612) /gb=NM_012434 /gi=21314648 /ug=Hs.117865 /len=3329	NM_012434	Hs.117865	NP_036566
4877	0.045433	chromosome 20 open reading frame 31 (C20orf31), mRNA /cds=(83,1819) /gb=NM_018217 /gi=8922666 /ug=Hs.93871 /len=1885	NM_018217	Hs.93871	NP_060687
4886	0.033724	proteasome (prosome, macropain) subunit, beta type, 4 (PSMB4), mRNA /cds=(24,818) /gb=NM_002796 /gi=22538466 /ug=Hs.89545 /len=925	NM_002796	Hs.89545	NP_002787
4893	0.026691	growth arrest and DNA-damage-inducible, beta (GADD45B), mRNA /cds=(101,586) /gb=NM_015675 /gi=9945331 /ug=Hs.110571 /len=1121	NM_015675	Hs.110571	NP_056490
4905	0.022722	cytoskeleton associated protein 2 (CKAP2), mRNA /cds=(97,2145) /gb=NM_018204 /gi=19923520 /ug=Hs.24641 /len=3626	NM_018204	Hs.24641	NP_060674

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4919	0.04883	KIAA0436 mRNA, partial cds. /cds=(1,2070) /gb=AB007896 /gi=2662152 /ug=Hs.110 /len=4661	AB007896	Hs.110	
4921	0.00953	cDNA FLJ10423 fis, clone NT2RP1000259. /gb=AK001285 /gi=7022444 /ug=Hs.106909 /len=1837	AK001285	Hs.106909	
4944	0.04883	hypothetical protein FLJ20452 (FLJ20452), mRNA /cds=(15,614) /gb=NM_017828 /gi=21361660 /ug=Hs.351327 /len=1948	NM_017828	Hs.351327	NP_060298
4945	0.04883	eukaryotic translation initiation factor 3, subunit 5 epsilon, 47kDa (EIF3S5), mRNA /cds=(7,1080) /gb=NM_003754 /gi=4503518 /ug=Hs.7811 /len=1231	NM_003754	Hs.7811	NP_003745
4949	0.007903	carboxypeptidase A3 (mast cell) (CPA3), mRNA /cds=(12,1265) /gb=NM_001870 /gi=4503000 /ug=Hs.646 /len=1633	NM_001870	Hs.646	NP_001861
4952	0.026691	os44g10.s1 NCI_CGAP_Br2 cDNA clone IMAGE:1608258 3' similar to gb:J00272_rna1 metallothionein-II pseudogene mRNA sequence /clone=IMAGE:1608258 /clone_end=3' /gb=AI000954 /gi=3191508 /ug=Hs.408052 /len=259	AI000954	Hs.408052	
4966	0.002322	vav 3 oncogene (VAV3), mRNA /cds=(48,2591) /gb=NM_006113 /gi=21614495 /ug=Hs.267659 /len=4768	NM_006113	Hs.267659	NP_006104
4975	0.039219	hypothetical protein MGC2747 (MGC2747), mRNA /cds=(93,248) /gb=NM_024104 /gi=13129111 /ug=Hs.194017 /len=1171	NM_024104	Hs.194017	NP_077009
4997	0.031226	hypothetical protein FLJ20489 (RefSeq aa 3e-31)	NP_060312		
5027	0.04883	nucleobindin 1 (NUCB1), mRNA /cds=(27,1412) /gb=NM_006184 /gi=20070227 /ug=Hs.172609 /len=2311	NM_006184	Hs.172609	NP_006175
5036	0.007185	peptidylprolyl isomerase B (cyclophilin B) (PPIB), mRNA /cds=(150,800) /gb=NM_000942 /gi=20149505 /ug=Hs.394389 /len=1028	NM_000942	Hs.394389	NP_000933
5044	0.04883	S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental (S100A4), transcript variant 1, mRNA /cds=(70,375) /gb=NM_002961 /gi=9845514 /ug=Hs.81256 /len=512	NM_002961	Hs.81256	NP_062427
5069	0.024639	hsp70-interacting protein (HSPBP1), mRNA /cds=(312,1400) /gb=NM_012267 /gi=21361406 /ug=Hs.53066 /len=1795	NM_012267	Hs.53066	NP_036399

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
5070	0.045433	cDNA FLJ12776 fis, clone NT2RP2001678. /gb=AK022838 /gi=10434465 /ug=Hs.372558 /len=2629	AK022838	Hs.372558	
5099	0.045433	ATPase, Na /K transporting, alpha 1 polypeptide (ATP1A1), mRNA /cds=(262,3333) /gb=NM_000701 /gi=21361180 /ug=Hs.76549 /len=3680	NM_000701	Hs.76549	NP_000692
5104	0.045433	T-cell activation leucine repeat-rich protein (TA-LRRP), mRNA /cds=(565,2976) /gb=NM_015350 /gi=21245133 /ug=Hs.199243 /len=3588	NM_015350	Hs.199243	NP_056165
5105	0.00186	hypothetical protein FLJ20312 (FLJ20312), mRNA /cds=(384,803) /gb=NM_017761 /gi=20127576 /ug=Hs.7862 /len=2382	NM_017761	Hs.7862	NP_060231
5111	0.004381	chromosome 14 open reading frame 94 (C14orf94), mRNA /cds=(211,1302) /gb=NM_017815 /gi=8923395 /ug=Hs.8886 /len=1618	NM_017815	Hs.8886	NP_060285
5153	0.022722	ATPase, H transporting, lysosomal 13kDa, V1 subunit G isoform 1 (ATP6V1G1), mRNA /cds=(94,450) /gb=NM_004888 /gi=20357534 /ug=Hs.90336 /len=1110	NM_004888	Hs.90336	NP_004879
5157	0.039219	Kallmann syndrome 1 sequence (KAL1), mRNA /cds=(151,2193) /gb=NM_000216 /gi=4557682 /ug=Hs.89591 /len=6314	NM_000216	Hs.89591	NP_000207
5167	0.042232	chromosome 1 open reading frame 8 (C1orf8), mRNA /cds=(251,1222) /gb=NM_004872 /gi=27545320 /ug=Hs.416495 /len=1709	NM_004872	Hs.416495	NP_004863
5236	0.042232	mitochondrial ribosomal protein L20 (MRPL20), nuclear gene encoding mitochondrial protein, mRNA /cds=(65,514) /gb=NM_017971 /gi=26638656 /ug=Hs.182698 /len=705	NM_017971	Hs.182698	NP_060441
5238	0.020932	NRAS-related gene (D1S155E), mRNA /cds=(428,2824) /gb=NM_007158 /gi=20070240 /ug=Hs.69855 /len=4076	NM_007158	Hs.69855	NP_009089
5242	0.039219	CDK2-associated protein 1 (CDK2AP1), mRNA /cds=(523,870) /gb=NM_004642 /gi=17978492 /ug=Hs.433201 /len=1627	NM_004642	Hs.433201	NP_004633
5243	0.026691	chromosome 14 open reading frame 2 (C14orf2), mRNA /cds=(61,237) /gb=NM_004894 /gi=4758939 /ug=Hs.109052 /len=627	NM_004894	Hs.109052	NP_004885
5279	0.033724	paternally expressed 10 (PEG10), mRNA /cds=(118,1095) /gb=NM_015068 /gi=14149662 /ug=Hs.137476 /len=6253	NM_015068	Hs.137476	NP_055883

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
5293	0.033724	chromosome 6 open reading frame 48 (C6orf48), mRNA /cds=(42,422) /gb=NM_016947 /gi=8393383 /ug=Hs.109798 /len=711	NM_016947	Hs.109798	NP_058643
5318	0.019262	603021120F1 NIH_MGC_114 cDNA clone IMAGE:5191733 5', mRNA sequence /clone=IMAGE:5191733 /clone_end=5' /gb=BI488592 /gi=15327820 /ug=Hs.380956 /len=988	BI488592	Hs.380956	
5355	0.045433	quinolinate phosphoribosyltransferase (nicotinate-nucleotide pyrophosphorylase (carboxylating)) (QPRT), mRNA /cds=(45,938) /gb=NM_014298 /gi=9257236 /ug=Hs.8935 /len=1182	NM_014298	Hs.8935	NP_055113
5410	0.016261	hypothetical protein FLJ21016 (FLJ21016), mRNA /cds=(33,1136) /gb=NM_025160 /gi=24432014 /ug=Hs.289069 /len=3165	NM_025160	Hs.289069	NP_079436
5411	0.036386	DKFZp566J2446 (from clone DKFZp566J2446)	AL050082		NP_008944
5415	0.026691	serine/threonine kinase 24 (STE20 yeast) (STK24), mRNA /cds=(146,1477) /gb=NM_003576 /gi=20070157 /ug=Hs.168913 /len=2505	NM_003576	Hs.168913	NP_003567
5431	0.033724	thymine-DNA glycosylase (TDG), mRNA /cds=(400,1632) /gb=NM_003211 /gi=4507422 /ug=Hs.173824 /len=3410	NM_003211	Hs.173824	NP_003202
5446	0.045433	heme binding protein 2 (HEBP2), mRNA /cds=(276,893) /gb=NM_014320 /gi=7657602 /ug=Hs.111029 /len=1137	NM_014320	Hs.111029	NP_055135
5449	0.016261	mRNA; cDNA DKFZp667D2123 (from clone DKFZp667D2123) /gb=AL832786 /gi=21733368 /ug=Hs.283643 /len=3000	AL832786	Hs.283643	
5459	0.020932	transforming growth factor, beta-induced, 68kDa (TGFB1), mRNA /cds=(48,2099) /gb=NM_000358 /gi=4507466 /ug=Hs.118787 /len=2691	NM_000358	Hs.118787	NP_000349
5477	0.045433	lectin, galactoside-binding, soluble, 3 (galectin 3) (LGALS3), mRNA /cds=(19,771) /gb=NM_002306 /gi=4504982 /ug=Hs.621 /len=914	NM_002306	Hs.621	NP_002297
5503	0.019241	HSPC142 protein (HSPC142), mRNA /cds=(127,1230) /gb=NM_014173 /gi=7661801 /ug=Hs.190722 /len=1432	NM_014173	Hs.190722	NP_054892
5507	0.031226	hypothetical protein MGC13170 (MGC13170), mRNA /cds=(555,908) /gb=NM_032712 /gi=14249313 /ug=Hs.256301 /len=1316	NM_032712	Hs.256301	NP_116101

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
5508	0.005916	KIAA0185 mRNA, complete cds. /cds=(1,5656) /gb=D80007 /gi=1136429 /ug=Hs.239499 /len=5823	D80007	Hs.239499	
5509	0.045433	brain protein 44-like (BRP44L), mRNA /cds=(123,452) /gb=NM_016098 /gi=7706368 /ug=Hs.108725 /len=988	NM_016098	Hs.108725	NP_057182
5533	0.036386	upstream binding transcription factor, RNA polymerase I (UBTF), mRNA /cds=(148,2442) /gb=NM_014233 /gi=7657670 /ug=Hs.89781 /len=3097	NM_014233	Hs.89781	NP_055048
5569	0.026691	aurora-A kinase interacting protein (AKIP), mRNA /cds=(82,681) /gb=NM_017900 /gi=8923564 /ug=Hs.76239 /len=794	NM_017900	Hs.76239	NP_060370
5577	0.042232	kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody IA4)) (KAI1), mRNA /cds=(182,985) /gb=NM_002231 /gi=13259537 /ug=Hs.323949 /len=1623	NM_002231	Hs.323949	NP_002222
5586	0.001481	Williams Beuren syndrome chromosome region 22 (WBSCR22), mRNA /cds=(59,904) /gb=NM_017528 /gi=23199994 /ug=Hs.155020 /len=1258	NM_017528	Hs.155020	NP_059998
5601	0.007185	hypothetical protein FLJ12443 (FLJ12443), mRNA /cds=(475,1188) /gb=NM_024830 /gi=21314725 /ug=Hs.179882 /len=3476	NM_024830	Hs.179882	NP_079106
5616	0.022722	solute carrier family 31 (copper transporters), member 1 (SLC31A1), mRNA /cds=(153,725) /gb=NM_001859 /gi=4507014 /ug=Hs.380728 /len=1804	NM_001859	Hs.380728	NP_001850
5645	0.022722	MAGE-E1 protein (MAGE-E1), mRNA /cds=(146,1390) /gb=NM_030801 /gi=13540587 /ug=Hs.7457 /len=2997	NM_030801	Hs.7457	NP_803881
5671	0.005359	EPC-1 (=M76979 PEDF;U29953;M90493)	U57446		
5692	0.031226	mRNA for MEGF6 protein (KIAA0815), partial cds. /cds=(153,3893) /gb=AB011539 /gi=20269128 /ug=Hs.56186 /len=4501	AB011539	Hs.56186	
5710	0.04883	UI-H-DF0-bes-i-11-0-UI.s1 NCI_CGAP_DF0 cDNA clone UI-H-DF0-bes-i-11-0-UI 3', mRNA sequence /clone=UI-H-DF0-bes-i-11-0-UI /clone_end=3' /gb=CA427703 /gi=24790429 /ug=Hs.428583 /len=1096	CA427703	Hs.428583	

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
5724	0.039219	proliferation-associated 2G4, 38kDa (PA2G4), mRNA /cds=(98,1282) /gb=NM_006191 /gi=5453841 /ug=Hs.374491 /len=1697	NM_006191	Hs.374491	NP_006182
5744	0.039219	DNA segment on chromosome X (unique) 9928 expressed sequence (DXS9928E), mRNA /cds=(76,1095) /gb=NM_004699 /gi=4758219 /ug=Hs.54277 /len=1311	NM_004699	Hs.54277	NP_004690
5746	0.017708	glypican 1 (GPC1), mRNA /cds=(222,1898) /gb=NM_002081 /gi=4504080 /ug=Hs.2699 /len=3692	NM_002081	Hs.2699	NP_002072
5760	0.017708	WD40 and FYVE domain containing 1 (WDFY1), mRNA /cds=(30,1262) /gb=NM_020830 /gi=18482372 /ug=Hs.44743 /len=4585	NM_020830	Hs.44743	NP_848127
5778	0.00953	abl-interactor 2 (ABI-2), mRNA /cds=(35,1462) /gb=NM_005759 /gi=20127476 /ug=Hs.343575 /len=1735	NM_005759	Hs.343575	NP_005750
5779	0.024639	3'-phosphoadenosine 5'-phosphosulfate synthase 1 (PAPSS1), mRNA /cds=(27,1901) /gb=NM_005443 /gi=20127474 /ug=Hs.3833 /len=2265	NM_005443	Hs.3833	NP_005434
5788	0.011439	aryl hydrocarbon receptor nuclear translocator-like (ARNTL), mRNA /cds=(370,2250) /gb=NM_001178 /gi=20127415 /ug=Hs.74515 /len=2776	NM_001178	Hs.74515	NP_001169
5795	0.039219	progesterone induced protein (DD5), mRNA /cds=(34,8433) /gb=NM_015902 /gi=15147336 /ug=Hs.278428 /len=8838	NM_015902	Hs.278428	NP_056986
5834	0.022722	myosin IE (MYO1E), mRNA /cds=(376,3705) /gb=NM_004998 /gi=4826843 /ug=Hs.82251 /len=4666	NM_004998	Hs.82251	NP_004989
5850	0.033724	mRNA for KIAA1233 protein, partial cds. /cds=(1,3074) /gb=AB033059 /gi=6330728 /ug=Hs.18705 /len=5107	AB033059	Hs.18705	
5857	0.016261	chromosome 14 open reading frame 111 (C14orf111), mRNA /cds=(1,597) /gb=NM_015962 /gi=7705729 /ug=Hs.343173 /len=1021	NM_015962	Hs.343173	NP_057046
5872	0.039219	TL132 protein (LOC220594), mRNA /cds=(1242,2306) /gb=NM_145809 /gi=21956646 /ug=Hs.234573 /len=4413	NM_145809	Hs.234573	NP_665808
5884	0.011439	polymerase (RNA) II (DNA directed) polypeptide H (POLR2H), mRNA /cds=(88,540) /gb=NM_006232 /gi=14589952 /ug=Hs.432574 /len=821	NM_006232	Hs.432574	NP_006223

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
5899	0.033724	Fas (TNFRSF6) associated factor 1 (FAF1), transcript variant 1, mRNA /cds=(454,2406) /gb=NM_007051 /gi=19528653 /ug=Hs.25821 /len=2610	NM_007051	Hs.25821	NP_572051
5909	0.045433	LIM domain containing preferred translocation partner in lipoma (LPP), mRNA /cds=(247,2085) /gb=NM_005578 /gi=5031886 /ug=Hs.180398 /len=5656	NM_005578	Hs.180398	NP_005569
5959	0.007185	germline T-cell receptor beta chain	U66061		
5987	0.033724	DAZ associated protein 2 (DAZAP2), mRNA /cds=(70,576) /gb=NM_014764 /gi=7661885 /ug=Hs.75416 /len=1897	NM_014764	Hs.75416	NP_055579
6003	0.010447	tumor protein, translationally-controlled 1 (TPT1), mRNA /cds=(95,613) /gb=NM_003295 /gi=4507668 /ug=Hs.401448 /len=830	NM_003295	Hs.401448	NP_003286
6004	0.020932	UDP-glucose pyrophosphorylase 2 (UGP2), mRNA /cds=(85,1611) /gb=NM_006759 /gi=13027637 /ug=Hs.77837 /len=1832	NM_006759	Hs.77837	NP_006750
6009	0.020932	methylmalonyl Coenzyme A mutase (MUT), nuclear gene encoding mitochondrial protein, mRNA /cds=(77,2329) /gb=NM_000255 /gi=4557766 /ug=Hs.155212 /len=2798	NM_000255	Hs.155212	NP_000246
6020	0.04883	cDNA FLJ37774 fis, clone BRHIP2026021, highly similar to Mus musculus formin binding protein 30 mRNA. /gb=AK095093 /gi=21754285 /ug=Hs.119533 /len=2767	AK095093	Hs.119533	
6069	0.003208	stress-associated endoplasmic reticulum protein 1; ribosome associated membrane protein 4 (SERP1), mRNA /cds=(316,516) /gb=NM_014445 /gi=19923408 /ug=Hs.76698 /len=2488	NM_014445	Hs.76698	NP_055260
6079	0.033724	extracellular matrix protein 2, female organ and adipocyte specific (ECM2), mRNA /cds=(74,2173) /gb=NM_001393 /gi=4557542 /ug=Hs.35094 /len=3171	NM_001393	Hs.35094	NP_001384
6124	0.036386	prolyl endopeptidase (PREP), mRNA /cds=(1,2133) /gb=NM_002726 /gi=20149544 /ug=Hs.86978 /len=2756	NM_002726	Hs.86978	NP_002717
6145	0.036386	replication factor C (activator 1) 2, 40kDa (RFC2), mRNA /cds=(208,1272) /gb=NM_002914 /gi=4506486 /ug=Hs.139226 /len=1709	NM_002914	Hs.139226	NP_002905
6180	0.020932	mRNA for KIAA0774 protein, partial cds. /cds=(1,3492) /gb=AB018317 /gi=3882268 /ug=Hs.22201 /len=4021	AB018317	Hs.22201	



Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
6231	0.040244	methylenetetrahydrofolate reductase (MTHFR) gene, exon 11 and 3' UTR, alternatively spliced	AF260233		
6268	0.014718	cDNA: FLJ22008 fis, clone HEP06934. /gb=AK025661 /gi=10438250 /ug=Hs.193700 /len=2207	AK025661	Hs.193700	
6295	0.022722	Notch 2 (Drosophila) (NOTCH2), mRNA /cds=(257,7672) /gb=NM_024408 /gi=24041034 /ug=Hs.8121 /len=11433	NM_024408	Hs.8121	NP_077719
6311	0.016261	peptidylprolyl isomerase A (cyclophilin A) (PPIA), mRNA /cds=(45,542) /gb=NM_021130 /gi=10863926 /ug=Hs.401787 /len=753	NM_021130	Hs.401787	NP_066953
6322	0.008683	ubiquitin specific protease 9 (USP9Y)	XM_000563		
6408	0.04883	ir24c06.y1 HR85 islet cDNA clone IMAGE:6546227 5', mRNA sequence /clone=IMAGE:6546227 /clone_end=5' /gb=CA848700 /gi=26999906 /ug=Hs.389121 /len=616	CA848700	Hs.389121	
6410	0.007185	laminin, alpha 2 (merosin, congenital muscular dystrophy) (LAMA2), mRNA /cds=(50,9382) /gb=NM_000426 /gi=4557708 /ug=Hs.75279 /len=9534	NM_000426	Hs.75279	NP_000417
6411	0.042232	tubulin, gamma complex associated protein 3 (TUBGCP3), mRNA /cds=(85,2808) /gb=NM_006322 /gi=5453659 /ug=Hs.9884 /len=3795	NM_006322	Hs.9884	NP_006313
6415	0.00259	chromosome 20 open reading frame 36 (C20orf36), mRNA /cds=(128,1213) /gb=NM_018257 /gi=8922738 /ug=Hs.184628 /len=3655	NM_018257	Hs.184628	NP_060727
6416	0.019262	MAD, mothers against decapentaplegic 5 (Drosophila) (MADH5), mRNA /cds=(193,1590) /gb=NM_005903 /gi=20070216 /ug=Hs.37501 /len=2049	NM_005903	Hs.37501	NP_005894
6485	0.003208	serologically defined colon cancer antigen 8 (SDCCAG8), mRNA /cds=(1,2142) /gb=NM_006642 /gi=28269671 /ug=Hs.300642 /len=2142	NM_006642	Hs.300642	NP_006633
6535	0.045433	Similar to cerebellar degeneration-related 2, clone MGC:23119 IMAGE:4873337, mRNA, complete cds /cds=(324,1655) /gb=BC017503 /gi=17028382 /ug=Hs.75124 /len=2713	BC017503	Hs.75124	
6564	0.022722	mitogen-activated protein kinase 1 (MAPK1), transcript variant 1, mRNA /cds=(241,1323) /gb=NM_002745 /gi=20986528 /ug=Hs.324473 /len=2934	NM_002745	Hs.324473	NP_620407

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
6582	0.028884	mRNA for KIAA1028 protein, partial cds. /cds=(1,1506) /gb=AB028951 /gi=20521737 /ug=Hs.129836 /len=6063	AB028951	Hs.129836	NP_055891
6591	0.036386	ribonuclease, RNase A family, 4 (RNASE4), mRNA /cds=(173,616) /gb=NM_002937 /gi=20070170 /ug=Hs.283749 /len=1414	NM_002937	Hs.283749	NP_002928
6594	0.039219	lactate dehydrogenase A (LDHA), mRNA /cds=(98,1096) /gb=NM_005566 /gi=5031856 /ug=Hs.2795 /len=1661	NM_005566	Hs.2795	NP_005557
6650	0.04883	tetratricopeptide repeat domain 1 (TTC1), mRNA /cds=(51,929) /gb=NM_003314 /gi=4507710 /ug=Hs.7733 /len=1407	NM_003314	Hs.7733	NP_003305
6661	0.033724	stromal antigen 1 (STAG1), mRNA /cds=(401,4177) /gb=NM_005862 /gi=5032062 /ug=Hs.286148 /len=4337	NM_005862	Hs.286148	NP_005853
6691	0.04883	runt-related transcription factor 3 (RUNX3), mRNA /cds=(10,1257) /gb=NM_004350 /gi=4757917 /ug=Hs.170019 /len=3809	NM_004350	Hs.170019	NP_004341
6693	0.014917	PHD finger protein 1 (PHF1), transcript variant 2, mRNA /cds=(216,1919) /gb=NM_024165 /gi=13435396 /ug=Hs.166204 /len=2260	NM_024165	Hs.166204	NP_077084
6711	0.031226	FXYD domain containing ion transport regulator 6 (FXYD6), mRNA /cds=(67,354) /gb=NM_022003 /gi=11612654 /ug=Hs.3807 /len=1677	NM_022003	Hs.3807	NP_071286
6728	0.004381	Kelch-like ECH-associated protein 1 (KEAP1), mRNA /cds=(113,1987) /gb=NM_012289 /gi=22027641 /ug=Hs.57729 /len=2513	NM_012289	Hs.57729	NP_036421
6734	0.028884	PAI-1 mRNA-binding protein (PAI-RBP1), mRNA /cds=(86,1249) /gb=NM_015640 /gi=7661625 /ug=Hs.165998 /len=2201	NM_015640	Hs.165998	NP_056455
6735	0.007185	DKFZp586J021 (from clone DKFZp586J021) /cds=UNKNOWN /gb=AL110197 /gi=5817115 /ug=Hs.6441 /len=1896	AL110197	Hs.6441	NP_003246
6748	0.04883	UI-E-DX1-agw-i-20-0-UI.r1 UI-E-DX1 cDNA clone UI-E-DX1-agw-i-20-0-UI 5', mRNA sequence /clone=UI-E-DX1-agw-i-20-0-UI /clone_end=5' /gb=BM698866 /gi=19012124 /ug=Hs.356089 /len=1231	BM698866	Hs.356089	
6758	0.008683	proteasome (prosome, macropain) 26S subunit, ATPase, 2 (PSMC2), mRNA /cds=(71,1372) /gb=NM_002803 /gi=24430152 /ug=Hs.61153 /len=1545	NM_002803	Hs.61153	NP_002794

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
6769	0.031226	mRNA; cDNA DKFZp434E033 (from clone DKFZp434E033) /gb=AL080130 /gi=5262569 /ug=Hs.15740 /len=3990	AL080130	Hs.15740	
6795	0.039219	KIAA0438 gene product (KIAA0438), mRNA /cds=(118,224) /gb=NM_014819 /gi=7662123 /ug=Hs.279849 /len=4765	NM_014819	Hs.279849	NP_055634
6813	0.00953	constitutive photomorphogenic protein (COP1), mRNA /cds=(1,2196) /gb=NM_022457 /gi=21359962 /ug=Hs.105737 /len=2196	NM_022457	Hs.105737	NP_071902
6828	0.042232	proteasome (prosome, macropain) 26S subunit, non-ATPase, 10 (PSMD10), mRNA /cds=(99,779) /gb=NM_002814 /gi=4506216 /ug=Hs.433559 /len=1544	NM_002814	Hs.433559	NP_736606
6840	0.04883	FK506 binding protein 7 (FKBP7), mRNA /cds=(96,875) /gb=NM_016105 /gi=23618828 /ug=Hs.344379 /len=1067	NM_016105	Hs.344379	NP_851939
6842	0.04883	protein phosphatase 1, regulatory (inhibitor) subunit 12A (PPP1R12A), mRNA /cds=(1,3093) /gb=NM_002480 /gi=4505316 /ug=Hs.16533 /len=4613	NM_002480	Hs.16533	NP_002471
6861	0.019262	mRNA; cDNA DKFZp434A012 (from clone DKFZp434A012) /gb=AL096752 /gi=5419888 /ug=Hs.306327 /len=2248	AL096752	Hs.306327	
6863	0.008683	Sm protein F (LSM6), mRNA /cds=(82,324) /gb=NM_007080 /gi=5901997 /ug=Hs.42438 /len=596	NM_007080	Hs.42438	NP_009011
6958	0.028884	origin recognition complex, subunit 5-like (yeast) (ORC5L), mRNA /cds=(89,1396) /gb=NM_002553 /gi=4505524 /ug=Hs.153138 /len=1901	NM_002553	Hs.153138	NP_002544
6987	0.003564	carnitine palmitoyltransferase II (CPT2), nuclear gene encoding mitochondrial protein, mRNA /cds=(517,2493) /gb=NM_000098 /gi=4503022 /ug=Hs.274336 /len=3090	NM_000098	Hs.274336	NP_000089
7019	0.012511	hypothetical protein MGC10986 (MGC10986), mRNA /cds=(145,528) /gb=NM_030576 /gi=22095372 /ug=Hs.50601 /len=3178	NM_030576	Hs.50601	NP_085053
7040	0.004381	PAK2 mRNA, complete cds /cds=(218,1840) /gb=AF092132 /gi=5138913 /ug=Hs.284275 /len=4137	AF092132	Hs.284275	
7105	0.042232	PRO0657	AAF24054		
7142	0.007185	eukaryotic translation elongation factor 1 alpha 1 (EEF1A1), mRNA /cds=(63,1451) /gb=NM_001402 /gi=25453469 /ug=Hs.422118 /len=1837	NM_001402	Hs.422118	NP_001393

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
7203	0.031226	KIAA1036 protein (KIAA1036), mRNA /cds=(386,1483) /gb=NM_014909 /gi=7662453 /ug=Hs.155182 /len=5481	NM_014909	Hs.155182	NP_055724
7205	0.045433	ribosomal protein S20 (RPS20), mRNA /cds=(128,487) /gb=NM_001023 /gi=14591915 /ug=Hs.8102 /len=539	NM_001023	Hs.8102	NP_001014
7206	0.031226	hypothetical protein FLJ13081 (FLJ13081), mRNA /cds=(171,2099) /gb=NM_024834 /gi=13376242 /ug=Hs.180638 /len=4113	NM_024834	Hs.180638	NP_079110
7222	0.045433	REV3-like, catalytic subunit of DNA polymerase zeta (yeast) (REV3L), mRNA /cds=(823,9981) /gb=NM_002912 /gi=4506482 /ug=Hs.115521 /len=10919	NM_002912	Hs.115521	NP_002903
7231	0.04883	clone MGC:29744 IMAGE:3347567, mRNA, complete cds /cds=(1622,2545) /gb=BC021250 /gi=20987353 /ug=Hs.29645 /len=2712	BC021250	Hs.29645	NP_612373
7264	0.007903	RNA polymerase I transcription factor RRN3 (RRN3), mRNA /cds=(23,1978) /gb=NM_018427 /gi=21361630 /ug=Hs.110103 /len=3756	NM_018427	Hs.110103	NP_060897
7284	0.028884	GK003 protein (GK003), mRNA /cds=(10,690) /gb=NM_020192 /gi=21281666 /ug=Hs.83313 /len=901	NM_020192	Hs.83313	NP_064577
7294	0.005753	mRNA for KIAA0823 protein, partial cds. /cds=(157,1893) /gb=AB020630 /gi=20521667 /ug=Hs.45719 /len=6250	AB020630	Hs.45719	NP_056383
7315	0.036386	Hypothetical protein(cDNA: FLJ20994 fis, clone CAE02453)	AK024647		
7323	0.045433	mRNA for KIAA1327 protein, partial cds. /cds=(1,5417) /gb=AB037748 /gi=20521883 /ug=Hs.106204 /len=6687	AB037748	Hs.106204	
7324	0.020932	angiopoietin-like factor (CDT6), mRNA /cds=(240,1280) /gb=NM_021146 /gi=20127595 /ug=Hs.146559 /len=2255	NM_021146	Hs.146559	NP_066969
7340	0.036386	DKFZp586H2223 (from clone DKFZp586H2223)	AL117550		NP_057140
7342	0.006524	KIAA0874 protein (KIAA0874), mRNA /cds=(1,6189) /gb=NM_015208 /gi=14140237 /ug=Hs.27973 /len=6189	NM_015208	Hs.27973	NP_056023
7368	0.022722	NADH-ubiquinone oxidoreductase subunit B14.7 (NDUFA11), mRNA /cds=(1,426) /gb=NM_175614 /gi=28269680 /ug=Hs.406062 /len=426	NM_175614	Hs.406062	NP_783313
7372	0.036386	mRNA; cDNA DKFZp727I051 (from clone DKFZp727I051); partial cds /cds=(1,2099) /gb=AL117478 /gi=5911952 /ug=Hs.239370 /len=2480	AL117478	Hs.239370	NP_056412

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
7385	0.013668	v-maf musculoaponeurotic fibrosarcoma oncogene (avian) (MAF), mRNA /cds=(808,2019) /gb=NM_005360 /gi=5453735 /ug=Hs.30250 /len=2145	NM_005360	Hs.30250	NP_005351
7392	0.028884	cDNA FLJ30250 fis, clone BRACE2002304. /gb=AK054812 /gi=16549424 /ug=Hs.318977 /len=2148	AK054812	Hs.318977	
7433	0.008522	KIAA1579 protein, partial cds /cds=UNKNOWN /gb=AB046799 /gi=10047232 /ug=Hs.49933 /len=4352 (=FLJ25300)	AB046799	Hs.49933	NP_060681
7436	0.033724	hypothetical protein GL009 (GL009), mRNA /cds=(78,629) /gb=NM_032492 /gi=14210501 /ug=Hs.24054 /len=1097	NM_032492	Hs.24054	NP_115881
7456	0.019262	lysyl-tRNA synthetase (KARS), mRNA /cds=(41,1834) /gb=NM_005548 /gi=5031814 /ug=Hs.3100 /len=1997	NM_005548	Hs.3100	NP_005539
7466	0.031226	ret finger protein (RFP), transcript variant alpha, mRNA /cds=(359,1900) /gb=NM_006510 /gi=17105396 /ug=Hs.142653 /len=2984	NM_006510	Hs.142653	NP_112212
7520	0.010447	hypothetical protein FLJ10350 (FLJ10350), mRNA /cds=(676,2340) /gb=NM_018067 /gi=21361780 /ug=Hs.177596 /len=2811	NM_018067	Hs.177596	NP_060537
7536	0.039219	inhibitor of growth family, member 1 (ING1), mRNA /cds=(433,1701) /gb=NM_005537 /gi=19923770 /ug=Hs.46700 /len=2886	NM_005537	Hs.46700	NP_005528
7554	0.028884	mRNA IRO40627 full length insert cDNA clone EUROIMAGE 40627	AL109779		NP_075379
7591	0.017708	glioma tumor suppressor candidate region gene 2 (GLTSCR2), mRNA /cds=(53,1489) /gb=NM_015710 /gi=21359905 /ug=Hs.421907 /len=1610	NM_015710	Hs.421907	NP_056525
7635	0.026691	RAB4A, member RAS oncogene family (RAB4A), mRNA /cds=(209,865) /gb=NM_004578 /gi=19923259 /ug=Hs.119007 /len=1861	NM_004578	Hs.119007	NP_004569
7663	0.045433	cDNA FLJ10131 fis, clone HEMBA1003041. /gb=AK000993 /gi=7021996 /ug=Hs.274128 /len=2065	AK000993	Hs.274128	
7666	0.010447	FLJ14102 fis, clone MAMMA1000940 /cds=UNKNOWN /gb=AK024164 /gi=10436477 /ug=Hs.301811 /len=1878	AK024164	Hs.301811	
7673	0.036386	hypothetical protein FLJ10970 (FLJ10970), mRNA /cds=(229,633) /gb=NM_018286 /gi=8922795 /ug=Hs.173233 /len=1670	NM_018286	Hs.173233	NP_060756

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
7685	0.022773	lymphocyte antigen 75 (LY75), mRNA /cds=(54,5222) /gb=NM_002349 /gi=4505052 /ug=Hs.153563 /len=6928	NM_002349	Hs.153563	NP_002340
7699	0.028884	mRNA full length insert cDNA clone EUROIMAGE 239714. /gb=AL109691 /gi=5689821 /ug=Hs.306330 /len=1453	AL109691	Hs.306330	
7710	0.039719	cDNA: FLJ21531 fis, clone COL06036. /gb=AK025184 /gi=10437647 /ug=Hs.102941 /len=2671	AK025184	Hs.102941	
7716	0.019262	IFNAR gene (HSIFNAR) for interferon alpha/beta receptor	X60459		
7727	0.031226	hypothetical protein FLJ13081 (FLJ13081), mRNA /cds=(171,2099) /gb=NM_024834 /gi=13376242 /ug=Hs.180638 /len=4113	NM_024834	Hs.180638	NP_079110
7839	0.028884	EST(xc43h04.x1 NCI_CGAP_Co20 clone IMAGE:2587063 3' gb:M99436 TRANSDUCIN-LIKE ENHANCER PROTEIN 2)	AW081723		NP_003251
7843	0.036386	EST(qu23h09.x1 NCI_CGAP_Br12 clone IMAGE:1965665 contains Alu repeat)	AI284640		
7871	0.011439	clone IMAGE:5267224, mRNA /gb=BC045644 /gi=28279007 /ug=Hs.425116 /len=4064	BC045644	Hs.425116	
7876	0.013668	BBP-like protein 1 (BLP1), transcript variant 2, mRNA /cds=(47,304) /gb=NM_031940 /gi=17865794 /ug=Hs.7471 /len=1628	NM_031940	Hs.7471	NP_510882
7893	0.011439	EST(ba58h09.x1 NIH_MGC_10 clone IMAGE:2900801 3')	AW673893		NP_005147
7895	0.031226	EST(zw54g08.r1 Soares_total_fetus_Nb2HF8_9w clone IMAGE:773918 5' contains Alu and MER22 repeat)	AA463590		
7925	0.026691	EST(ng19d12.s1 NCI_CGAP_Lip2 cDNA clone IMAGE:929879 similar to contains Alu repetitive element;contains element MSR1 repetitive element)	AA501823		
7931	0.036386	EST (nq43g05.s1 NCI_CGAP_Co10 cDNA clone IMAGE:1146680 3' similar to gb:D26129 RIBONUCLEASE PANCREATIC PRECURSOR)	AA622008		NP_002924
7933	0.012511	DKFZP564O1863 protein (DKFZP564O1863), mRNA /cds=(343,1104) /gb=NM_015633 /gi=24308110 /ug=Hs.406184 /len=2306	NM_015633	Hs.406184	NP_056448

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
7938	0.04883	UI-H-EU1-bai-b-07-0-UI.s1 NCI_CGAP_Ct1 cDNA clone UI-H-EU1-bai-b-07-0-UI 3', mRNA sequence /clone=UI-H-EU1-bai-b-07-0-UI /clone_end=3' /gb=BQ448117 /gi=21251229 /ug=Hs.8705 /len=1171	BQ448117	Hs.8705	
7939	0.012511	EST (IL-BT003-221198-003 BT003)	AI902209		
7949	0.039219	hypothetical protein PR01094 (PR01094), mRNA	NM_018575		
7955	0.026691	cDNA FLJ34394 fis, clone HCHON2000676. /gb=AK091713 /gi=21750150 /ug=Hs.378859 /len=1932	AK091713	Hs.378859	
7961	0.045433	FtsJ 2 (E. coli) (FTSJ2), mRNA /cds=(30,770) /gb=NM_013393 /gi=7019376 /ug=Hs.279877 /len=1605	NM_013393	Hs.279877	NP_803191
7965	0.005916	hypothetical protein FLJ12953 similar to Mus musculus D3Mm3e (FLJ12953), mRNA /cds=(89,1093) /gb=NM_032118 /gi=14149770 /ug=Hs.323537 /len=1146	NM_032118	Hs.323537	NP_115494
7983	0.028884	proteasome (prosome, macropain) 26S subunit, non-ATPase, 5 (PSMD5), mRNA /cds=(20,1534) /gb=NM_005047 /gi=25777613 /ug=Hs.193725 /len=3411	NM_005047	Hs.193725	NP_005038
8020	0.012511	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase (GART), mRNA /cds=(79,3111) /gb=NM_000819 /gi=24475881 /ug=Hs.82285 /len=3291	NM_000819	Hs.82285	NP_780294
8054	0.04883	pyruvate dehydrogenase kinase 4 mRNA, 3' untranslated region, partial sequence /cds=UNKNOWN/gb=AF334710 /gi=12658438 /ug=Hs.8364 /len=1819	AF334710	Hs.8364	NP_002603
8056	0.003954	ADP-ribosyltransferase (NAD ; poly (ADP-ribose) polymerase) (ADPRT), mRNA /cds=(160,3204) /gb=NM_001618 /gi=11496989 /ug=Hs.177766 /len=3859	NM_001618	Hs.177766	NP_001609
8059	0.04883	myotubularin related protein 2 (MTMR2), mRNA /cds=(342,2273) /gb=NM_016156 /gi=20357517 /ug=Hs.181326 /len=4681	NM_016156	Hs.181326	NP_057240
8068	0.012511	hypothetical protein FLJ10726 (FLJ10726), mRNA /cds=(176,622) /gb=NM_018195 /gi=8922622 /ug=Hs.268561 /len=2800	NM_018195	Hs.268561	NP_060665
8070	0.033724	similar to lung type-I cell membrane-associated glycoprotein, isoform 2 precursor; hT1a-1; hT1alpha-1; hT1alpha-2 (H. sapiens) (LOC126756), mRNA	XM_048883		

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
8095	0.003954	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 21 (DDX21), mRNA /cds=(266,2413) /gb=NM_004728 /gi=13787208 /ug=Hs.169531 /len=3319	NM_004728	Hs.169531	NP_004719
8114	0.019262	URB mRNA, complete cds /cds=(146,2998) /gb=AF506819 /gi=21039408 /ug=Hs.356289 /len=3320	AF506819	Hs.356289	
8115	0.014917	STRIN protein (STRIN), mRNA /cds=(100,837) /gb=NM_016271 /gi=21361538 /ug=Hs.180403 /len=3226	NM_016271	Hs.180403	NP_057355
8116	0.011439	hypothetical protein FLJ21616 (FLJ21616), mRNA /cds=(120,1094) /gb=NM_024567 /gi=13375737 /ug=Hs.23590 /len=1858	NM_024567	Hs.23590	NP_078843
8147	0.013668	hypothetical protein FLJ20003 (FLJ20003), mRNA /cds=(31,1188) /gb=NM_017615 /gi=8923008 /ug=Hs.258798 /len=1387	NM_017615	Hs.258798	NP_060085
8152	0.04883	COP9 constitutive photomorphogenic subunit 5 (Arabidopsis) (COPS5), mRNA /cds=(121,1125) /gb=NM_006837 /gi=5803045 /ug=Hs.380969 /len=1277	NM_006837	Hs.380969	NP_006828
8186	0.028884	Arkadia (ARK), mRNA /cds=(374,1486) /gb=NM_017610 /gi=24111229 /ug=Hs.12504 /len=3010	NM_017610	Hs.12504	NP_060080
8194	0.00953	mRNA for KIAA0876 protein, partial cds. /cds=(150,3509) /gb=AB020683 /gi=14133222 /ug=Hs.301011 /len=5595	AB020683	Hs.301011	
8198	0.022722	PHD zinc finger protein XAP135 (XAP135), transcript variant 2, mRNA /cds=(222,1448) /gb=NM_133325 /gi=19747275 /ug=Hs.7759 /len=1583	NM_133325	Hs.7759	NP_579866
8271	0.004381	EST (RC3-OT0091-170300-011-c12 OT0091)	AW887541		
8296	0.045433	EST(zk44a11.r1 Soares pregnant uterus NbHPU clone 485660 5')	AA040238		NP_057250
8308	0.014917	EST(ty24e09.x1 NCI_CGAP_Ut3 clone IMAGE:2280040 3' contains Alu repeat)	AI758800		
8337	0.045433	EST382184 MAGE resequences, MAGK H.sapiens cDNA	AW970103		
8340	0.026836	hypothetical protein MGC5306 (MGC5306), mRNA /cds=(207,1043) /gb=NM_024116 /gi=13129135 /ug=Hs.301732 /len=2336	NM_024116	Hs.301732	NP_077021



Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
8346	0.022722	UI-H-BW1-and-h-10-0-UI.s1 NCI_CGAP_Sub7 cDNA clone IMAGE:3082218 3', mRNA sequence /clone=IMAGE:3082218 /clone_end=3' /gb=BF514341 /gi=11599520 /ug=Hs.445663 /len=613	BF514341	Hs.445663	
8375	0.04883	EST (oz69d09.x1 Soares_senescent_fibroblasts_NbHSF IMAGE:1680593 3')	AI148288		
8395	0.008683	EST xp73h11.x1 NCI_CGAP_Ov40 cDNA clone IMAGE:2746053 3' similar to contains Alu repetitive element;contains element MER32 repetitive element ;	AW270457		
8404	0.013668	Hypothetical protein(cDNA sequence FLJ11049 fis, clone PLACE1004548)	AK001911		NP_065870
8420	0.036386	hypothetical protein FLJ10774 (FLJ10774), mRNA /cds=(207,3284) /gb=NM_024662 /gi=13399321 /ug=Hs.71472 /len=4002	NM_024662	Hs.71472	NP_078938
8432	0.012511	EST 7f59d09.x1 Soares_NSF_F8_9W_OT_PA_P_S1 H.sapiens cDNA clone IMAGE:3298961 3'	BE677740		
8436	0.016261	EST 7e76f05.x1 NCI_CGAP_Pr28 cDNA clone IMAGE:3288417 3' similar to contains element MER36 repetitive element;	BE645808		NP_065105
8440	0.003954	CGG triplet repeat binding protein 1 (CGGBP1), mRNA /cds=(357,863) /gb=NM_003663 /gi=21361098 /ug=Hs.86041 /len=4279	NM_003663	Hs.86041	NP_003654
8450	0.031226	skeletal muscle HSB84A051 STRATAGENE cDNA library, cat. #936215. cDNA clone 84A05	Z28721		
8451	0.020932	EST (PM1-HT0422-170100-005-c12 HT0422)	BE160711		
8458	0.042232	cDNA FLJ35666 fis, clone SPLEN2017781. /gb=AK092985 /gi=21751702 /ug=Hs.233382 /len=2153	AK092985	Hs.233382	
8481	0.04883	yg34g10.s1 Soares infant brain 1NIB cDNA clone IMAGE:34476 3' similar to gb M87924 HUMALCE162 carcinoma cell- derived Alu RNA transcript, (rRNA); gb:M32315 TUMOR NECROSIS FACTOR RECEPTOR 2 PRECURSOR mRNA sequence /clone=IMAGE:34476 /clone_end=3' /gb=R44308 /gi=821279 /ug=Hs.242302 /len=557	R44308	Hs.242302	

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
8500	0.045433	EST375644 MAGE resequences, MAGH cDNA, mRNA sequence /gb=AW963571 /gi=8153407 /ug=Hs.182962 /len=672	AW963571	Hs.182962	
8548	0.045433	EST (RC1-BN0413-041000-021-a09 BN0413)	BF748890		
8566	0.010447	UI-H-BI1-aex-h-12-0-UI.s1 NCI_CGAP_Sub3 cDNA clone IMAGE:2720903 3', mRNA sequence /clone=IMAGE:2720903 /clone_end=3' /gb=AW205453 /gi=6504925 /ug=Hs.59368 /len=665	AW205453	Hs.59368	
8569	0.039719	URB mRNA, complete cds /cds=(146,2998) /gb=AF506819 /gi=21039408 /ug=Hs.356289 /len=3320	AF506819	Hs.356289	
8586	0.045433	UPF3 regulator of nonsense transcripts A (yeast) (UPF3A), transcript variant 1, mRNA /cds=(38,1468) /gb=NM_023011 /gi=18375523 /ug=Hs.399740 /len=2381	NM_023011	Hs.399740	NP_542418
8593	0.036386	cs26g08.y1 Retinal pigment epithelium/choroid cDNA (Un-normalized, unamplified): cs cDNA clone cs26g08 5', mRNA sequence /clone=cs26g08 /clone_end=5' /gb=CA392625 /gi=24725520 /ug=Hs.389253 /len=648	CA392625	Hs.389253	
8632	0.028884	cDNA clone IMAGE:4769918 5'	BG623330		NP_777568
8635	0.039219	ESTs, cDNA, 3' end /clone_end=3' /gb=BI789108 /gi=15816833 /ug=Hs.304928 /len=529	BI789108	Hs.304928	
8645	0.026691	cDNA FLJ37304 fis, clone BRAMY2016070. /gb=AK094623 /gi=21753716 /ug=Hs.249721 /len=2730	AK094623	Hs.249721	
8647	0.04883	tm62d04.x1 NCI_CGAP_Brn25 cDNA clone IMAGE:2162695 3', mRNA sequence /clone=IMAGE:2162695 /clone_end=3' /gb=AI475033 /gi=4328078 /ug=Hs.36915 /len=453	AI475033	Hs.36915	
8653	0.036386	EST, cDNA /clone=DKFZp586F2021 /gb=AL047579 /gi=4728575 /ug=Hs.310753 /len=431	AL047579	Hs.310753	
8660	0.045433	nk74h02.s1 NCI_CGAP_Sch1 cDNA clone IMAGE:1019283 3' similar to contains Alu repetitive element; contains element LTR5 repetitive element ;, mRNA sequence /clone=IMAGE:1019283 /clone_end=3' /gb=AA551072 /gi=2321324 /ug=Hs.368624 /len=477	AA551072	Hs.368624	
8699	0.039219	clone IMAGE:3909623, mRNA, partial cds /cds=(1,178) /gb=BC015894 /gi=16198445 /ug=Hs.33264 /len=2980	BC015894	Hs.33264	

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
8719	0.008683	clone UWGC:y17c090 from 6p21, complete sequence	AC004188		
8721	0.042232	UI-H-BI1-adn-e-07-0-UI.s1 NCI_CGAP_Sub3 cDNA clone IMAGE:2717293 3', mRNA sequence /clone=IMAGE:2717293 /clone_end=3' /gb=AW136018 /gi=6140151 /ug=Hs.76704 /len=818	AW136018	Hs.76704	
8736	0.003421	clone RP11-45O16, WORKING DRAFT SEQUENCE, 4 unordered pieces	AC015641		
8761	0.003954	UI-H-DT1-awb-g-11-0-UI.s1 NCI_CGAP_DT1 cDNA clone IMAGE:5887138 3', mRNA sequence /clone=IMAGE:5887138 /clone_end=3' /gb=BQ016101 /gi=19751378 /ug=Hs.438666 /len=800	BQ016101	Hs.438666	
8832	0.022722	yz39c12.s1 Morton Fetal Cochlea cDNA clone IMAGE:285430 3', mRNA sequence /clone=IMAGE:285430 /clone_end=3' /gb=N63237 /gi=1211066 /ug=Hs.269296 /len=444	N63237	Hs.269296	
8835	0.031226	chromosome 4 clone RP11-731J8, *** SEQUENCING IN PROGRESS ***, 37 unordered pieces	AC107398		
8917	0.026691	EST (hs96b03.x1 NCI_CGAP_Kid13 IMAGE:3145037 3')	BE463624		
8954	0.031491	nj20a07.s1 NCI_CGAP_AA1 cDNA clone IMAGE:993012 3', mRNA sequence /clone=IMAGE:993012 /clone_end=3' /gb=AA570674 /gi=2344654 /ug=Hs.162392 /len=435	AA570674	Hs.162392	
8955	0.039219	cDNA FLJ39389 fis, clone PLACE6003621. /gb=AK096708 /gi=21756262 /ug=Hs.120785 /len=1350	AK096708	Hs.120785	
8962	0.024639	UI-H-BW0-ajq-g-03-0-UI.s1 NCI_CGAP_Sub6 cDNA clone IMAGE:2732740 3', mRNA sequence /clone=IMAGE:2732740 /clone_end=3' /gb=AW298806 /gi=6705442 /ug=Hs.438211 /len=615	AW298806	Hs.438211	
8966	0.005035	EST (AV764100 MDS cDNA clone MDSBAE09 5')	AV764100		
8969	0.039219	EST(AV730379 HTF cDNA clone HTFAAA05 5')	AV730379		
8985	0.024639	EST (RC3-BT0316-270400-016-a02 BT0316)	BE065650		NP_008922

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
9000	0.013668	hd05h05.y1 Retina cDNA (Un-normalized, unamplified): hd/he cDNA clone hd05h05 5', mRNA sequence /clone=hd05h05 /clone_end=5' /gb=BQ636204 /gi=21760663 /ug=Hs.135613 /len=544	BQ636204	Hs.135613	
9011	0.042232	EST(yb62b08.r1 Stratagene ovary (#937217) cDNA clone IMAGE:75735 5')	T58561		NP_002088
9038	0.012511	protein phosphatase 1, regulatory (inhibitor) subunit 3C (PPP1R3C), mRNA /cds=(58,1011) /gb=NM_005398 /gi=21314622 /ug=Hs.303090 /len=2524	NM_005398	Hs.303090	NP_005389
9041	0.007903	7l40g01.x1 Soares_NSF_F8_9W_OT_PA_P_S1 cDNA clone IMAGE:3524136 3', mRNA sequence /clone=IMAGE:3524136 /clone_end=3' /gb=BF112131 /gi=10941821 /ug=Hs.288083 /len=620	BF112131	Hs.288083	
9054	0.022722	cDNA FLJ37995 fis, clone CTONG2011825, moderately similar to CARBONIC ANHYDRASE (EC 4.2.1.1). /cds=(52,840) /gb=AK095314 /gi=21754548 /ug=Hs.99624 /len=3564	AK095314	Hs.99624	
9061	0.014819	cDNA FLJ33960 fis, clone CTONG2018843. /gb=AK091279 /gi=21749612 /ug=Hs.126465 /len=2849	AK091279	Hs.126465	
9107	0.006524	EST(cDNA clone IMAGE:6102185 5')	BQ438639		
9143	0.031491	mRNA; cDNA DKFZp434N185 (from clone DKFZp434N185) /gb=AL117645 /gi=5912235 /ug=Hs.33032 /len=1641	AL117645	Hs.33032	NP_079481
9148	0.024639	DKFZp434M2216 (from clone DKFZp434M2216) /cds=UNKNOWN /gb=AL137295 /gi=6807756 /ug=Hs.199429 /len=1035	AL137295	Hs.199429	NP_004632
9173	0.04883	EST381780 MAGE resequences, MAGK cDNA, mRNA sequence /gb=AW969703 /gi=8159547 /ug=Hs.142074 /len=651	AW969703	Hs.142074	
9179	0.04883	UI-E-EJ1-ajf-o-07-0-UI.r1 UI-E-EJ1 cDNA clone UI-E-EJ1-ajf-o-07-0-UI 5', mRNA sequence /clone=UI-E-EJ1-ajf-o-07-0-UI /clone_end=5' /gb=BM718282 /gi=19036470 /ug=Hs.439477 /len=1095	BM718282	Hs.439477	
9197	0.033724	EST(603060869F1 NIH_MGC_122 cDNA clone IMAGE:5210201 5')	BI767635		NP_689605
9199	0.031226	qf54h05.x1 Soares_testis_NHT cDNA clone IMAGE:1753881 3', mRNA sequence /clone=IMAGE:1753881 /clone_end=3' /gb=AI198847 /gi=3751453 /ug=Hs.368422 /len=489	AI198847	Hs.368422	
9221	0.009373	EST(cDNA clone IMAGE:2574601 3' )	AW079128		

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
9225	0.00953	UI-H-DT0-atx-c-08-0-UI.s1 NCI_CGAP_DT0 cDNA clone IMAGE:5865535 3', mRNA sequence /clone=IMAGE:5865535 /clone_end=3' /gb=BM992885 /gi=19712274 /ug=Hs.436581 /len=1301	BM992885	Hs.436581	
9230	0.022722	hn49c02.x1 NCI_CGAP_Co17 cDNA clone IMAGE:3026978 3' similar to contains MER5.b1 MER5 repetitive element ;, mRNA sequence /clone=IMAGE:3026978 /clone_end=3' /gb=AW770800 /gi=7702847 /ug=Hs.371969 /len=463	AW770800	Hs.371969	
9246	0.028884	EST(T-cells V Homo sapiens cDNA 5' end )	AA355092		
9252	0.039219	cDNA FLJ31169 fis, clone KIDNE2000026	AK055731		
9255	0.010447	EST(cDNA clone IMAGE:5248188 5' )	BI915287		NP_079330
9257	0.008683	602246637F1 NIH_MGC_62 cDNA clone IMAGE:4331985 5', mRNA sequence /clone=IMAGE:4331985 /clone_end=5' /gb=BF690692 /gi=11976100 /ug=Hs.442332 /len=929	BF690692	Hs.442332	
9289	0.024639	UI-CF-EC1-abq-b-24-0-UI.s1 UI-CF-EC1 cDNA clone UI-CF-EC1-abq-b-24-0-UI 3', mRNA sequence /clone=UI-CF-EC1-abq-b- 24-0-UI /clone_end=3' /gb=BM972502 /gi=19590088 /ug=Hs.366185 /len=718	BM972502	Hs.366185	
9302	0.024639	No significant match, ORF- 1(1~102,214~317)	SEQ.ID.No.11		
9320	0.042232	No significant match (ORF:+1:208~366[159])	SEQ.ID.No.62		
9383	0.005916	phosphoinositide-3-kinase, regulatory subunit, polypeptide 2 (p85 beta) (PIK3R2), mRNA /cds=(242,2428) /gb=NM_005027 /gi=4826907 /ug=Hs.211586 /len=3201	NM_005027	Hs.211586	NP_005018
9385	0.011439	ATP-binding cassette, sub-family F (GCN20), member 1 (ABCF1), mRNA /cds=(95,2518) /gb=NM_001090 /gi=10947134 /ug=Hs.9573 /len=3141	NM_001090	Hs.9573	NP_001081
9419	0.026691	cDNA FLJ36429 fis, clone THYMU2011573. /gb=AK093748 /gi=21752675 /ug=Hs.378821 /len=1901	AK093748	Hs.378821	
9442	0.019262	GTP binding protein overexpressed in skeletal muscle (GEM), mRNA /cds=(214,1104) /gb=NM_005261 /gi=4885262 /ug=Hs.79022 /len=2156	NM_005261	Hs.79022	NP_005252

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
9443	0.026691	synapse associated protein 1, SAP47 (Drosophila) (SYAP1), mRNA /cds=(94,1152) /gb=NM_032796 /gi=19923854 /ug=Hs.47334 /len=2030	NM_032796	Hs.47334	NP_116185
9455	0.019262	likely ortholog of mouse tumor differentially expressed 1, like (TDE1L), mRNA /cds=(76,1437) /gb=NM_020755 /gi=24308212 /ug=Hs.146668 /len=3149	NM_020755	Hs.146668	NP_065806
9457	0.004381	serine/threonine kinase 17a (apoptosis-inducing) (STK17A), mRNA /cds=(118,1362) /gb=NM_004760 /gi=4758191 /ug=Hs.9075 /len=2641	NM_004760	Hs.9075	NP_004751
9490	0.013668	pleckstrin domain interacting protein (PHIP), mRNA /cds=(306,2429) /gb=NM_017934 /gi=20149647 /ug=Hs.10177 /len=2573	NM_017934	Hs.10177	NP_060404
9510	0.039355	chromosome 3 open reading frame 4 (C3orf4), mRNA /cds=(881,1642) /gb=NM_019895 /gi=11096339 /ug=Hs.107393 /len=2820	NM_019895	Hs.107393	NP_063948
9511	0.04278	emopamil binding related protein, delta8-delta7 sterol isomerase related protein (EBRP), mRNA /cds=(53,673) /gb=NM_032565 /gi=14211872 /ug=Hs.433278 /len=931	NM_032565	Hs.433278	NP_115954
9518	0.033724	kpni repeat mrna (cdna clone pcd-kpni-8), 3' end. /gb=K00627 /gi=337653 /ug=Hs.203776 /len=2126	K00627	Hs.203776	
9532	0.011439	likely ortholog of rat V-1 protein (V-1), mRNA /cds=(229,585) /gb=NM_145808 /gi=21956644 /ug=Hs.21321 /len=3770	NM_145808	Hs.21321	NP_665807
9534	0.024639	codanin I mRNA, partial cds. /cds=(1,3798) /gb=AF525398 /gi=27451597 /ug=Hs.334834 /len=4725	AF525398	Hs.334834	
9570	0.024639	ERO1-like (S. cerevisiae) (ERO1L), mRNA /cds=(227,1633) /gb=NM_014584 /gi=7657068 /ug=Hs.25740 /len=3334	NM_014584	Hs.25740	NP_055399
9584	0.022722	hypothetical protein FLJ20522 (FLJ20522), mRNA /cds=(213,866) /gb=NM_017861 /gi=23680884 /ug=Hs.35406 /len=1876	NM_017861	Hs.35406	NP_060331
9598	0.029086	mRNA; cDNA DKFZp761C169 (from clone DKFZp761C169); partial cds /cds=(997,2475) /gb=AL161991 /gi=7328122 /ug=Hs.71252 /len=3324	AL161991	Hs.71252	NP_075064
9612	0.042232	ubiquitin-conjugating enzyme E2G 1 (UBC7 C. elegans) (UBE2G1), mRNA /cds=(167,679) /gb=NM_003342 /gi=21314607 /ug=Hs.78563 /len=2430	NM_003342	Hs.78563	NP_003333

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
9617	0.00953	mRNA; cDNA DKFZp761B0823 (from clone DKFZp761B0823) /gb=AL157462 /gi=7018477 /ug=Hs.306484 /len=5085	AL157462	Hs.306484	
9618	0.028884	protein phosphatase 1A (formerly 2C), magnesium-dependent, alpha isoform (PPM1A), mRNA /cds=(358,1506) /gb=NM_021003 /gi=10337594 /ug=Hs.57764 /len=2346	NM_021003	Hs.57764	NP_808821
9661	0.042232	EST(ty69h03.x1 NCI_CGAP_Kid11 clone IMAGE:2284373 3')	AI613080		NP_659411
9665	0.017708	EST(df64h05.y1 Morton Fetal Cochlea clone IMAGE:2488569 5') (5e-06 match)	AW024055		
9677	0.004381	EST(QV3-NN1023-260400-168-a04 NN1023)	AW902143		NP_065960
9682	0.002322	BX091044 Soares retina N2b4HR cDNA clone IMAGp998D18828 ; IMAGE:360161, mRNA sequence /clone=IMAGp998D18828 ;_IMAGE:360161 /gb=BX091044 /gi=27826224 /ug=Hs.435655 /len=644	BX091044	Hs.435655	
9683	0.024639	cDNA FLJ12246 fis, clone MAMMA1001343. /gb=AK022308 /gi=10433677 /ug=Hs.188853 /len=1766	AK022308	Hs.188853	
9697	0.010447	EST(wc77f09.x1 NCI_CGAP_Pan1 clone IMAGE:2324681 3' contains Alu repeat)	AI674873		
9723	0.019262	yx53g06.s1 Soares melanocyte 2NbHM cDNA clone IMAGE:265498 3', mRNA sequence /clone=IMAGE:265498 /clone_end=3' /gb=N21311 /gi=1126481 /ug=Hs.433011 /len=570	N21311	Hs.433011	
9728	0.036386	EST(ow54e12.s1 Soares_parathyroid_tumor_NbHPA clone IMAGE:1650670 3')	AI022887		
9743	0.045433	hypothetical protein FLJ20507 (FLJ20507), mRNA /cds=(258,974) /gb=NM_017849 /gi=8923465 /ug=Hs.202955 /len=4223	NM_017849	Hs.202955	NP_060319
9772	0.042232	hypothetical protein FLJ30596 (FLJ30596), mRNA /cds=(223,1062) /gb=NM_153013 /gi=23308514 /ug=Hs.81907 /len=1978	NM_153013	Hs.81907	NP_694558
9785	0.039219	hypothetical protein FLJ11184 (FLJ11184), mRNA /cds=(113,724) /gb=NM_018352 /gi=8922922 /ug=Hs.267446 /len=1748	NM_018352	Hs.267446	NP_060822

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
9786	0.017708	UI-1-BC1p-auz-c-09-0-UI.s1 NCI_CGAP_PI3 cDNA clone UI-1-BC1p-auz-c-09-0-UI 3', mRNA sequence /clone=UI-1-BC1p-auz-c-09-0-UI /clone_end=3' /gb=BQ012740 /gi=19737641 /ug=Hs.172844 /len=1046	BQ012740	Hs.172844	
9812	0.031226	mRNA; cDNA DKFZp313C1042 (from clone DKFZp313C1042) /gb=AL833436 /gi=21734078 /ug=Hs.376859 /len=2103	AL833436	Hs.376859	
9818	0.026691	EST (zn89e09.s1 Stratagene lung carcinoma 937218 cDNA clone IMAGE:565384 3')	AA127265		
9823	0.045433	hypothetical protein MGC2560 (MGC2560), mRNA /cds=(195,551) /gb=NM_031452 /gi=13899288 /ug=Hs.80624 /len=1229	NM_031452	Hs.80624	NP_113640
9827	0.004849	EST CB H.sapiens cDNA clone CBCCHD05 5'	AV743921		
9888	0.011439	hypothetical protein MGC5508 (MGC5508), mRNA /cds=(73,804) /gb=NM_024092 /gi=13129091 /ug=Hs.13662 /len=2097	NM_024092	Hs.13662	NP_076997
9890	0.045433	FKSG64 (FKSG64) mRNA, complete cds /cds=(66,440) /gb=AF338199 /gi=12802898 /ug=Hs.143740 /len=916	AF338199	Hs.143740	
9928	0.024639	LIM domain containing preferred translocation partner in lipoma (LPP), mRNA /cds=(247,2085) /gb=NM_005578 /gi=5031886 /ug=Hs.180398 /len=5656	NM_005578	Hs.180398	NP_005569
9947	0.020932	PNAS-138 mRNA, complete cds /cds=(12,161) /gb=AF277175 /gi=12751080 /ug=Hs.326790 /len=199	AF277175	Hs.326790	
9972	0.00953	caldesmon 1 (CALD1), transcript variant 1, mRNA /cds=(230,2611) /gb=NM_033138 /gi=15149460 /ug=Hs.325474 /len=3610	NM_033138	Hs.325474	NP_149347
9985	0.017708	mRNA from chromosome 5q21-22, clone:843Ex. /gb=AB002449 /gi=2943812 /ug=Hs.182723 /len=1228	AB002449	Hs.182723	
10039	0.007185	keratinocytes associated protein 2 (KCP2), mRNA /cds=(1,489) /gb=NM_173852 /gi=27777660 /ug=Hs.374854 /len=489	NM_173852	Hs.374854	NP_776251
10049	0.026691	FLJ12209 fis, clone MAMMA1000962 /cds=UNKNOWN /gb=AK022271 /gi=10433630 /ug=Hs.366548 /len=1239	AK022271	Hs.366548	



Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
10054	0.024639	similar to hypothetical protein FLJ10883 (LOC115294), mRNA /cds=(98,1171) /gb=NM_052937 /gi=24308385 /ug=Hs.60293 /len=3967	NM_052937	Hs.60293	NP_443169
10064	0.028884	KIAA0570 gene product (KIAA0570), mRNA	XM_002692		
10068	0.039219	mitochondrial ribosomal protein L10 (MRPL10), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA /cds=(95,910) /gb=NM_148887 /gi=22547124 /ug=Hs.347535 /len=1848	NM_148887	Hs.347535	NP_683685
10079	0.04883	UI-H-FL1-bfz-f-13-0-UI.s1 NCI_CGAP_FL1 cDNA clone UI-H-FL1-bfz-f-13-0-UI 3', mRNA sequence /clone=UI-H-FL1-bfz-f-13-0-UI /clone_end=3' /gb=BU621287 /gi=23287502 /ug=Hs.96028 /len=1108	BU621287	Hs.96028	NP_004463
10105	0.004849	programmed cell death 2 (PDCD2), transcript variant 2, mRNA /cds=(80,766) /gb=NM_144781 /gi=21735593 /ug=Hs.367900 /len=2066	NM_144781	Hs.367900	NP_659005
10110	0.013668	zinc-finger protein DZIP1 (DZIP1), mRNA /cds=(839,3385) /gb=NM_014934 /gi=7662435 /ug=Hs.60177 /len=4502	NM_014934	Hs.60177	NP_055749
10133	0.011439	hypothetical protein FLJ13576 (FLJ13576), mRNA /cds=(365,2458) /gb=NM_022484 /gi=21362101 /ug=Hs.334335 /len=3973	NM_022484	Hs.334335	NP_071929
10143	0.04883	phospholipase A2 receptor 1, 180kDa (PLA2R1), mRNA /cds=(207,4604) /gb=NM_007366 /gi=19923388 /ug=Hs.171945 /len=5633	NM_007366	Hs.171945	NP_031392
10145	0.016261	EST(fi21a05.x1 Sugano Kawakami zebrafish DRA clone 2601776 3')	AW116880		
10146	0.011439	EST qz90a06.x1 Soares_pregnant_uterus_NbHPU cDNA clone IMAGE:2041810 3'	AI493872		NP_008878
10170	0.016261	EST (ts95a10.x1 NCI_CGAP_GC6 cDNA clone IMAGE:2239002 3')	AI635513		
10179	0.039219	EST (wq27e08.x1 NCI_CGAP_Kid11 IMAGE:2472518 3')	AI953360		NP_620149
10195	0.033724	mRNA for KIAA1586 protein, partial cds. /cds=(1481,3700) /gb=AB046806 /gi=10047246 /ug=Hs.180663 /len=4061	AB046806	Hs.180663	
10196	0.04883	UI-CF-DU1-aav-k-08-0-UI.s1 UI-CF-DU1 cDNA clone UI-CF-DU1-aav-k-08-0-UI 3', mRNA sequence /clone=UI-CF-DU1-aav-k-08-0-UI /clone_end=3' /gb=BM983293 /gi=19607660 /ug=Hs.424609 /len=684	BM983293	Hs.424609	

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
10197	0.020932	CDA02 protein (CDA02), mRNA /cds=(3,1832) /gb=NM_032025 /gi=14042940 /ug=Hs.332404 /len=2179	NM_032025	Hs.332404	NP_114414
10198	0.007185	ze65h12.s1 Soares retina N2b4HR cDNA clone IMAGE:363911 3', mRNA sequence /clone=IMAGE:363911 /clone_end=3' /gb=AA021186 /gi=1484920 /ug=Hs.226306 /len=422	AA021186	Hs.226306	
10232	0.039219	BX094256 Soares_fetal_heart_NbHH19W cDNA clone IMAGp998B20783, mRNA sequence /clone=IMAGp998B20783;_IMAGE:342835 /gb=BX094256 /gi=27841884 /ug=Hs.407356 /len=477	BX094256	Hs.407356	
10241	0.017708	EST (nc21a04.r1 NCI_CGAP_Pr1 cDNA clone IMAGE:1008750)	AA225070		
10251	0.045433	cDNA: FLJ21778 fis, clone HEP00201. /gb=AK025431 /gi=10437942 /ug=Hs.283378 /len=2117	AK025431	Hs.283378	
10252	0.046131	EST wl39b12.x1 NCI_CGAP_Ut1 cDNA clone IMAGE:2427263 3'	AI858495		
10276	0.04883	Hypothetical protein(cDNA sequence FLJ11311 fis, clone PLACE1010102) (=cDNA sequence DKFZp566J2146)	AK002173		NP_689971
10277	0.007185	likely ortholog of mouse embryonic epithelial gene 1 (EEG1), mRNA /cds=(319,1794) /gb=NM_017611 /gi=18252046 /ug=Hs.274453 /len=2630	NM_017611	Hs.274453	NP_060081
10284	0.013668	EST (tn41b12.x1 NCI_CGAP_Brn25 IMAGE:2170175 3')	AI568591		
10294	0.016261	unnamed protein product [Homo sapiens]	AK002129		NP_062553
10296	0.011439	cDNA sequence (cDNA sequence FLJ11603 fis, clone HEMBA1003926)	AK021665		
10307	0.012511	EST(ti95f04.x1 NCI_CGAP_Gas4 cDNA clone IMAGE:2139775 3')	AI445690		
10325	0.011439	EST IL2-UM0076-130500-084-A01 UM0076 cDNA	AW802834		
10330	0.002322	EST xa58b09.x1 NCI_CGAP_HSC2 cDNA clone IMAGE:2570969 3' similar to contains Alu repetitive element;	AW073612		
10331	0.039219	EST QV4-UM0094-060400-159-f11 UM0094	AW804948		NP_112180
10335	0.01928	hypothetical protein MGC13024 (MGC13024), mRNA /cds=(196,1083) /gb=NM_152288 /gi=22748650 /ug=Hs.333488 /len=2239	NM_152288	Hs.333488	NP_689501
10361	0.031226	Est (zf66a10.s1 Soares retina N2b4HR IMAGE:381882 3')	AA058771		

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
10367	0.033724	hypothetical protein BC009518 (LOC90799), mRNA /cds=(59,2524) /gb=NM_138363 /gi=19923898 /ug=Hs.135265 /len=2705	NM_138363	Hs.135265	NP_612372
10375	0.016261	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 32 (DDX32), mRNA /cds=(492,2723) /gb=NM_018180 /gi=20336299 /ug=Hs.171835 /len=3070	NM_018180	Hs.171835	NP_060650
10381	0.016261	RST10553 Athersys RAGE Library cDNA, mRNA sequence /gb=BG191459 /gi=13713146 /ug=Hs.45070 /len=1258	BG191459	Hs.45070	
10401	0.00208	EST (Clontech human aorta polyA mRNA (#6572) cDNA clone GEN-041E02 5')	C14262		
10404	0.028884	mRNA for KIAA1993 protein. /cds=(1,1600) /gb=AB082524 /gi=21693131 /ug=Hs.177633 /len=6545	AB082524	Hs.177633	
10406	0.031226	collagen, type V, alpha 2 (COL5A2), mRNA /cds=(158,4648) /gb=NM_000393 /gi=16554580 /ug=Hs.82985 /len=6217	NM_000393	Hs.82985	NP_000384
10412	0.005359	EST(IL3-HT0618-060500-125-A10 HT0618)	BE179404		
10433	0.019262	clone IMAGE:5275753, mRNA /gb=BC044623 /gi=27882398 /ug=Hs.418416 /len=1997	BC044623	Hs.418416	
10488	0.007903	FLJ11842 fis, clone HEMBA1006652, weakly similar to 60S RIBOSOMAL PROTEIN L7 /cds=UNKNOWN /gb=AK021904 /gi=10433196 /ug=Hs.26966 /len=1861	AK021904	Hs.26966	
10495	0.024639	7q35h07.x1 NCI_CGAP_GC6 cDNA clone IMAGE:3700476 3' similar to contains element MER4 MER4 repetitive element ;, mRNA sequence /clone=IMAGE:3700476 /clone_end=3' /gb=BF478238 /gi=11549065 /ug=Hs.356203 /len=400	BF478238	Hs.356203	
10497	0.029086	UI-H-DF0-bek-n-06-0-UI.s1 NCI_CGAP_DF0 cDNA clone UI-H-DF0-bek-n-06-0-UI 3', mRNA sequence /clone=UI-H-DF0-bek-n-06-0-UI /clone_end=3' /gb=CA426336 /gi=24789062 /ug=Hs.20300 /len=1060	CA426336	Hs.20300	

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
10498	0.049642	wo45d05.x1 NCI_CGAP_Gas4 cDNA clone IMAGE:2458281 3' similar to contains element XTR repetitive element ;, mRNA sequence /clone=IMAGE:2458281 /clone_end=3' /gb=AI926493 /gi=5662457 /ug=Hs.213840 /len=509	AI926493	Hs.213840	
10506	0.024639	K-EST0187941 L14ChoiCK0 cDNA clone L14ChoiCK0-30-C05 5', mRNA sequence /clone=L14ChoiCK0-30-C05 /clone_end=5' /gb=CB135678 /gi=28102621 /ug=Hs.435110 /len=419	CB135678	Hs.435110	
10511	0.007019	cDNA FLJ34603 fis, clone KIDNE2013388. /gb=AK091922 /gi=21750400 /ug=Hs.304130 /len=1992	AK091922	Hs.304130	
10542	0.003208	mRNA; cDNA DKFZp564F112 (from clone DKFZp564F112) /gb=AL049987 /gi=4884238 /ug=Hs.166361 /len=1215	AL049987	Hs.166361	
10545	0.037777	yj71g12.s1 Soares breast 2NbHBst cDNA clone IMAGE:154246 3', mRNA sequence /clone=IMAGE:154246 /clone_end=3' /gb=R52072 /gi=813974 /ug=Hs.411221 /len=458	R52072	Hs.411221	
10547	0.005916	mRNA; cDNA DKFZp564B032 (from clone DKFZp564B032) /gb=AL049975 /gi=4884225 /ug=Hs.274510 /len=1943	AL049975	Hs.274510	
10562	0.019262	twisted gastrulation 1 (Drosophila) (TWSG1), mRNA /cds=(106,777) /gb=NM_020648 /gi=21314788 /ug=Hs.247302 /len=3693	NM_020648	Hs.247302	NP_065699
10591	0.04883	EST(Fetal Cochlea Homo sapiens cDNA clone IMAGE:2484509 3' )	BI492586		NP_003109
10597	0.028884	BX106681 Soares_parathyroid_tumor_NbHPA cDNA clone IMAGp998F054235, mRNA sequence /clone=IMAGp998F054235_; IMAGE:1668484 /gb=BX106681 /gi=27847079 /ug=Hs.293334 /len=605	BX106681	Hs.293334	
10620	0.019262	UI-E-EJ0-ahk-c-20-0-UI.r1 UI-E-EJ0 cDNA clone UI-E-EJ0-ahk-c-20-0-UI 5', mRNA sequence /clone=UI-E-EJ0-ahk-c-20-0-UI /clone_end=5' /gb=BM701368 /gi=19014626 /ug=Hs.356108 /len=1532	BM701368	Hs.356108	
10624	0.014917	AGENCOURT_6417307 NIH_MGC_67 cDNA clone IMAGE:5492062 5', mRNA sequence /clone=IMAGE:5492062 /clone_end=5' /gb=BM799896 /gi=19116719 /ug=Hs.304926 /len=913	BM799896	Hs.304926	

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
10628	0.007185	ESTs, cDNA, 3' end /clone=IMAGE:565677 /clone_end=3' /gb=AI732470 /gi=5053583 /ug=Hs.191157 /len=596	AI732470	Hs.191157	
10629	0.005359	ac74b05.x5 Stratagene lung (#937210) cDNA clone IMAGE:868305 3' similar to contains Alu repetitive element;, mRNA sequence /clone=IMAGE:868305 /clone_end=3' /gb=AI791153 /gi=5338869 /ug=Hs.444952 /len=498	AI791153	Hs.444952	
10630	0.028884	UI-H-DF0-bet-j-17-0-UI.s1 NCI_CGAP_DF0 cDNA clone UI-H-DF0-bet-j-17-0-UI 3', mRNA sequence /clone=UI-H-DF0-bet-j-17-0-UI /clone_end=3' /gb=BU626301 /gi=23292516 /ug=Hs.443120 /len=1130	BU626301	Hs.443120	
10631	0.026836	EST380924 cDNA /gb=AW968848/gi=8158689 /ug=Hs.268326 /len=746	AW968848	Hs.268326	
10643	0.033724	UI-E-EJ0-ahu-o-12-0-UI.r1 UI-E-EJ0 cDNA clone UI-E-EJ0-ahu-o-12-0-UI 5', mRNA sequence /clone=UI-E-EJ0-ahu-o-12-0-UI /clone_end=5' /gb=BM720005 /gi=19038955 /ug=Hs.132743 /len=1441	BM720005	Hs.132743	
10647	0.016185	UI-H-EU1-bad-b-17-0-UI.s1 NCI_CGAP_Ct1 cDNA clone UI-H-EU1-bad-b-17-0-UI 3', mRNA sequence /clone=UI-H-EU1-bad-b-17-0-UI /clone_end=3' /gb=BQ447217 /gi=21250329 /ug=Hs.435088 /len=1045	BQ447217	Hs.435088	
10648	0.020932	EST, cDNA, 3' end /clone=IMAGE:5843665 /clone_end=3' /gb=BQ002644 /gi=19727544 /ug=Hs.364307 /len=762	BQ002644	Hs.364307	
10657	0.014917	cDNA FLJ34771 fis, clone NT2NE2003150. /gb=AK092090 /gi=21750599 /ug=Hs.433010 /len=2424	AK092090	Hs.433010	
10658	0.028884	hypothetical protein MGC10233 (MGC10233), mRNA /cds=(547,1389) /gb=NM_152715 /gi=22749416 /ug=Hs.29041 /len=3915	NM_152715	Hs.29041	NP_689928
10661	0.010447	ip18c02.y1 HR85 islet cDNA clone IMAGE:6217706 5', mRNA sequence /clone=IMAGE:6217706 /clone_end=5' /gb=CA777576 /gi=26015451 /ug=Hs.115779 /len=700	CA777576	Hs.115779	
10714	0.031223	No significant match, ORF-1(226~461)	SEQ.ID.No.69		
10715	0.012511	No significant match, low complexity	SEQ.ID.No.73		

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
10733	0.042232	DKFZp434O0813_s1 434 (synonym: htes3) cDNA clone DKFZp434O0813 3', mRNA sequence /clone=DKFZp434O0813 /clone_end=3' /gb=AL040360 /gi=5409314 /ug=Hs.162203 /len=772	AL040360	Hs.162203	
10777	0.007903	EST (wm51f05.x1 NCI_CGAP_Ut2 IMAGE:2439489 3')	AI871724		
10780	0.008683	hypothetical protein FLJ10300 (FLJ10300), mRNA /cds=(1710,3359) /gb=NM_018051 /gi=21361686 /ug=Hs.42233 /len=3785	NM_018051	Hs.42233	NP_060521
10782	0.010447	EST (cDNA clone IMAGE:120476 3' similar to	T95469		
10787	0.016261	cDNA FLJ37147 fis, clone BRACE2025316, weakly similar to tRNA-splicing endonuclease subunit. /cds=(26,559) /gb=AK094466 /gi=21753534 /ug=Hs.420088 /len=1738	AK094466	Hs.420088	
10792	0.036386	EST (hb87e12.x1 NCI_CGAP_Ut2 cDNA clone IMAGE:2890222 3' similar to contains Alu repetitive element)	AW439703		
10794	0.00259	FSHD region gene 1 (FRG1), mRNA /cds=(192,968) /gb=NM_004477 /gi=4758403 /ug=Hs.203772 /len=1042	NM_004477	Hs.203772	NP_004468
10795	0.001481	UI-H-EU1-azy-n-05-0-UI.s1 NCI_CGAP_Ct1 cDNA clone UI-H-EU1-azy-n-05-0-UI 3', mRNA sequence /clone=UI-H-EU1-azy-n-05-0-UI /clone_end=3' /gb=BQ446028 /gi=21249140 /ug=Hs.444589 /len=1059	BQ446028	Hs.444589	
10848	0.010447	EST(yu63g11.r1 clone 238532 5')	H65434		
10870	0.042232	EST(601463665F1 NIH_MGC_67 cDNA clone IMAGE:3866801 5')	BE777895		NP_067652
10884	0.024639	EST(wm68e05.x1 NCI_CGAP_Ut2 cDNA clone IMAGE:2441120 3')	AI888258		NP_001875
10887	0.022722	EST(CIT-HSP-2366I22.TF CIT-HSP genomic clone 2366I22)	AQ078010		
10888	0.012511	UI-H-DH0-aui-j-10-0-UI.s1 NCI_CGAP_DH0 cDNA clone IMAGE:5871081 3', mRNA sequence /clone=IMAGE:5871081 /clone_end=3' /gb=BM994461 /gi=19719362 /ug=Hs.434057 /len=2059	BM994461	Hs.434057	
10925	0.019262	clone IMAGE:4401491, mRNA /gb=BC015388 /gi=21955390 /ug=Hs.380349 /len=1881	BC015388	Hs.380349	

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
10931	0.012511	MR2-CI0186-291100-010-a06 CI0186 cDNA, mRNA sequence /gb=BF814502 /gi=12147047 /ug=Hs.446594 /len=530	BF814502	Hs.446594	
10941	0.017708	BX100947 NCI_CGAP_Ut2 cDNA clone IMAGp998J035383, mRNA sequence /clone=IMAGp998J035383_/_IMAGE:2178914 /gb=BX100947 /gi=27830924 /ug=Hs.169099 /len=471	BX100947	Hs.169099	
10947	0.04883	ESTs, cDNA /gb=AW959468 /gi=8149152 /ug=Hs.188738 /len=767	AW959468	Hs.188738	
10966	0.031226	mRNA; cDNA DKFZp586C1723 (from clone DKFZp586C1723) /gb=AL050192 /gi=4884408 /ug=Hs.80285 /len=1797	AL050192	Hs.80285	
10967	0.002322	cDNA /clone=cD622 /gb=AF107454 /gi=5052209 /ug=Hs.107537 /len=4850	AF107454	Hs.107537	NP_071903
10970	0.04883	BX098252 Soares fetal liver spleen 1NFLS cDNA clone IMAGp998P03536, mRNA sequence /clone=IMAGp998P03536_/_IMAGE:248306 /gb=BX098252 /gi=27829319 /ug=Hs.32171 /len=626	BX098252	Hs.32171	
10973	0.033724	IL3-HT0619-280600-191-F06 HT0619 cDNA, mRNA sequence /gb=BQ357271 /gi=21022994 /ug=Hs.232093 /len=580	BQ357271	Hs.232093	
10978	0.042232	cDNA FLJ31827 fis, clone NT2RP6000100, moderately similar to ZINC FINGER PROTEIN 41. /cds=(474,1694) /gb=AK056389 /gi=16551782 /ug=Hs.378531 /len=3180	AK056389	Hs.378531	
10987	0.022722	IMAGE:20075 Soares infant brain 1NIB cDNA clone IMAGE:20075, mRNA sequence /clone=IMAGE:20075 /gb=W18186 /gi=1293860 /ug=Hs.117688 /len=1232	W18186	Hs.117688	
11000	0.028884	EST(cDNA clone IMAGE:796136 5' similar to contains L1.t1 L1 repetitive element ; )	AA461279		
11010	0.017708	ESTs, cDNA, 3' end /clone=IMAGE:1690154 /clone_end=3' /gb=AI123563 /gi=3539329 /ug=Hs.166593 /len=530	AI123563	Hs.166593	NP_060035
11012	0.011439	cDNA FLJ12135 fis, clone MAMMA1000307. /gb=AK022197 /gi=10433541 /ug=Hs.130581 /len=2356	AK022197	Hs.130581	

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
11013	0.04883	UI-H-FH0-bcl-g-09-0-UI.s1 NCI_CGAP_FH0 cDNA clone UI-H-FH0-bcl-g-09-0-UI 3', mRNA sequence /clone=UI-H-FH0-bcl-g-09-0-UI /clone_end=3' /gb=CA419491 /gi=24782146 /ug=Hs.293327 /len=693	CA419491	Hs.293327	
11014	0.013668	cDNA FLJ14135 fis, clone MAMMA1002728. /gb=AK024197 /gi=10436518 /ug=Hs.289037 /len=1784	AK024197	Hs.289037	
11015	0.020932	unidentified mRNA, partial sequence. /gb=U43604 /gi=1171236 /ug=Hs.159901 /len=1677	U43604	Hs.159901	
11031	0.026691	cDNA: FLJ21228 fis, clone COL00739. /gb=AK024881 /gi=10437293 /ug=Hs.306716 /len=1869	AK024881	Hs.306716	
11049	0.042232	cs69c03.y2 Retinal pigment epithelium/choroid cDNA (Un-normalized, unamplified): cs cDNA clone cs69c03 5', mRNA sequence /clone=cs69c03 /clone_end=5' /gb=CA395789 /gi=24731580 /ug=Hs.446106 /len=585	CA395789	Hs.446106	
11059	0.024639	UI-E-CQ1-aew-e-07-0-UI.s1 UI-E-CQ1 cDNA clone UI-E-CQ1-aew-e-07-0-UI 3', mRNA sequence /clone=UI-E-CQ1-aew-e-07-0-UI /clone_end=3' /gb=BU728934 /gi=23651308 /ug=Hs.436272 /len=1132	BU728934	Hs.436272	
11070	0.014917	cDNA FLJ34585 fis, clone KIDNE2008758. /gb=AK091904 /gi=21750379 /ug=Hs.104627 /len=2438	AK091904	Hs.104627	
11097	0.031491	ESTs, cDNA, 3' end /clone=UI-E-EJ0-ahj-f-02-0-UI /clone_end=3' /gb=BM674241 /gi=18984139 /ug=Hs.354662 /len=684	BM674241	Hs.354662	
11099	0.031491	UI-H-DT1-avz-g-14-0-UI.s1 NCI_CGAP_DT1 cDNA clone IMAGE:5886373 3', mRNA sequence /clone=IMAGE:5886373 /clone_end=3' /gb=BQ015869 /gi=19751146 /ug=Hs.353471 /len=1192	BQ015869	Hs.353471	
11100	0.033724	EST(cDNA clone IMAGE:2267085 3' )	AI609617		NP_776252
11135	0.024639	UI-1-BC1p-asx-h-02-0-UI.s1 NCI_CGAP_PI3 cDNA clone UI-1-BC1p-asx-h-02-0-UI 3', mRNA sequence /clone=UI-1-BC1p-asx-h-02-0-UI /clone_end=3' /gb=BQ012708 /gi=19737609 /ug=Hs.191900 /len=590	BQ012708	Hs.191900	
11142	0.010447	cDNA: FLJ22447 fis, clone HRC09479. /gb=AK026100 /gi=10438841 /ug=Hs.344000 /len=1659	AK026100	Hs.344000	



Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
11160	0.013668	Similar to LOC168246, clone MGC:40162 IMAGE:4995539, mRNA, complete cds /cds=(214,402) /gb=BC027989 /gi=20380198 /ug=Hs.180059 /len=1748	BC027989	Hs.180059	
11162	0.019262	cDNA FLJ33072 fis, clone TRACH2000243. /gb=AK057634 /gi=16553392 /ug=Hs.348724 /len=2552	AK057634	Hs.348724	
11181	0.014917	No significant match	SEQ.ID.No.68		
11192	0.036386	RC4-HT0277-160200-013-d07 HT0277 cDNA, mRNA sequence /gb=BE151126 /gi=8613847 /ug=Hs.158600 /len=571	BE151126	Hs.158600	
11202	0.042232	AV699513 GKC cDNA clone GKCDLA08 3', mRNA sequence /clone=GKCDLA08 /clone_end=3' /gb=AV699513 /gi=10301484 /ug=Hs.131366 /len=793	AV699513	Hs.131366	
11214	0.019262	No significant match (ORF:+1:1~147[147], +2:68~193[126])	SEQ.ID.No.25		
11237	0.019262	vesicle-associated membrane protein 2 (synaptobrevin 2) (VAMP2), mRNA /cds=(95,445) /gb=NM_014232 /gi=7657674 /ug=Hs.25348 /len=2159	NM_014232	Hs.25348	NP_055047
11256	0.004381	cDNA FLJ31919 fis, clone NT2RP7004964. /gb=AK056481 /gi=16551895 /ug=Hs.400872 /len=4013	AK056481	Hs.400872	
11292	0.033724	DNA sequence from clone RP11-151F5 on chromosome 9 Contains 2 isoforms for part of the AKAP2 gene for A kinase (PRKA) anchor protein 2, a ribosomal protein L21 pseudogene and a CpG island, complete sequence [Homo sapiens]	AL158823		
11293	0.011439	hypothetical protein (FLJ20485), mRNA /cds=(112,729) /gb=NM_019042 /gi=9506680 /ug=Hs.98806 /len=2021	NM_019042	Hs.98806	NP_061915
11316	0.017657	KIAA1721 protein, partial cds /cds=UNKNOWN /gb=AB051508 /gi=12697986 /ug=Hs.117102 /len=8047	AB051508	Hs.117102	NP_071904
11337	0.033724	dihydropyrimidine dehydrogenase (DPYD), mRNA /cds=(102,3179) /gb=NM_000110 /gi=4557874 /ug=Hs.1602 /len=4407	NM_000110	Hs.1602	NP_000101
11343	0.007185	chromosome 1 open reading frame 33 (C1orf33), mRNA /cds=(32,751) /gb=NM_016183 /gi=18490986 /ug=Hs.274201 /len=1185	NM_016183	Hs.274201	NP_057267

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
11351	0.005916	type V procollagen alpha 2 chain (COL5A2) gene, exons 34 through 52 and partial cds; and type III procollagen alpha 1 chain (COL3A1) gene, exons 2 through 52	AY016295		
11358	0.013668	v-raf-1 murine leukemia viral oncogene 1 (RAF1), mRNA /cds=(130,2076) /gb=NM_002880 /gi=4506400 /ug=Hs.349650 /len=2977	NM_002880	Hs.349650	NP_002871
11365	0.011297	Rho-specific guanine-nucleotide exchange factor 164 kDa (P164RHOGEF), mRNA /cds=(16,6207) /gb=NM_014786 /gi=21361457 /ug=Hs.45180 /len=7540	NM_014786	Hs.45180	NP_055601
11384	0.031226	steroid sulfatase (microsomal), arylsulfatase C, isozyme S (STS), mRNA /cds=(221,1972) /gb=NM_000351 /gi=13162281 /ug=Hs.79876 /len=6520	NM_000351	Hs.79876	NP_000342
11442	0.04883	cDNA FLJ23640 fis, clone COL00187. /gb=AK074220 /gi=18676763 /ug=Hs.241869 /len=2875	AK074220	Hs.241869	
11445	0.042232	hbc647 mRNA sequence. /gb=U68494 /gi=1546096 /ug=Hs.24385 /len=1843	U68494	Hs.24385	
11467	0.019262	SMT3 suppressor of mif two 3 1 (yeast) (SMT3H1), mRNA /cds=(95,406) /gb=NM_006936 /gi=5902095 /ug=Hs.85119 /len=1733	NM_006936	Hs.85119	NP_008867
11480	0.04883	hypothetical protein FLJ23751 (FLJ23751), mRNA /cds=(121,1563) /gb=NM_152282 /gi=22748648 /ug=Hs.37443 /len=2994	NM_152282	Hs.37443	NP_689495
11495	0.007903	leukocyte membrane antigen, clone MGC:40393 IMAGE:5218501, mRNA, complete cds /cds=(287,1186) /gb=BC032352 /gi=21595376 /ug=Hs.9688 /len=1876	BC032352	Hs.9688	
11496	0.019262	leucyl-tRNA synthetase (LARS), mRNA /cds=(73,3603) /gb=NM_020117 /gi=24496788 /ug=Hs.6762 /len=4248	NM_020117	Hs.6762	NP_064502
11502	0.042232	mRNA for KIAA1229 protein, partial cds /cds=UNKNOWN /gb=AB033055 /gi=6330699 /ug=Hs.71109/len=5654	AB033055	Hs.71109	
11554	0.00953	EST(df27f12.y1 Morton Fetal Cochlea clone IMAGE:2484646 5')	AW021741		NP_057485
11556	0.04883	hypothetical protein FLJ36812 (FLJ36812), mRNA /cds=(369,1088) /gb=NM_153260 /gi=23397553 /ug=Hs.194071 /len=2647	NM_153260	Hs.194071	NP_694992

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
11594	0.033724	unnamed protein product (=IDH gamma gene and TRAP delta gene)	BAA91131		
11605	0.036386	hypothetical protein PRO1051 (PRO1051), mRNA /cds=(756,1004) /gb=NM_018572 /gi=8924004 /ug=Hs.326548 /len=1393	NM_018572	Hs.326548	NP_061042
11615	0.04883	mRNA for KIAA0261 gene, partial cds. /cds=(1,3866) /gb=D87450 /gi=1665788 /ug=Hs.154978 /len=6155	D87450	Hs.154978	
11635	0.042232	EST(nk29g12.s1 NCI_CGAP_Co11 cDNA clone IMAGE:1014982 3')	AA553765		
11726	0.00259	survival of motor neuron 2, centromeric (SMN2), transcript variant d, mRNA /cds=(164,1048) /gb=NM_017411 /gi=13259525 /ug=Hs.367729 /len=1623	NM_017411	Hs.367729	NP_075015
11745	0.006524	FLJ23172 fis, clone LNG10005 /cds=UNKNOWN /gb=AK026825 /gi=10439771 /ug=Hs.306885 /len=1882	AK026825	Hs.306885	
11762	0.04883	CDC45 cell division cycle 45-like (S. cerevisiae) (CDC45L), mRNA /cds=(71,1771) /gb=NM_003504 /gi=16357475 /ug=Hs.114311 /len=1932	NM_003504	Hs.114311	NP_003495
11780	0.014917	mRNA for KIAA1559 protein, partial cds. /cds=(61,1695) /gb=AB046779 /gi=10047182 /ug=Hs.35524 /len=5659	AB046779	Hs.35524	
11781	0.045433	serum/glucocorticoid regulated kinase-like (SGKL), transcript variant 1, mRNA /cds=(416,1705) /gb=NM_013257 /gi=25168264 /ug=Hs.380877 /len=4155	NM_013257	Hs.380877	NP_733827
11783	0.020932	cDNA FLJ20709 fis, clone KAIA1124, highly similar to D86324 mRNA for CMP-N-acetylneuraminic acid. /gb=AK000716 /gi=7020978 /ug=Hs.24697 /len=3488	AK000716	Hs.24697	
11788	0.026691	Bardet-Biedl syndrome 2 (BBS2), mRNA /cds=(422,2587) /gb=NM_031885 /gi=22208996 /ug=Hs.332633 /len=2978	NM_031885	Hs.332633	NP_114091
11796	0.013668	mannose-6-phosphate receptor (cation dependent) (M6PR), mRNA /cds=(171,1004) /gb=NM_002355 /gi=10947032 /ug=Hs.134084 /len=2454	NM_002355	Hs.134084	NP_002346
11816	0.045433	likely ortholog of rat V-1 protein (V-1), mRNA /cds=(229,585) /gb=NM_145808 /gi=21956644 /ug=Hs.21321 /len=3770	NM_145808	Hs.21321	NP_665807
11817	0.013668	hypothetical protein FLJ12994 (FLJ12994), mRNA /cds=(120,2678) /gb=NM_022841 /gi=12383091 /ug=Hs.126908 /len=3473	NM_022841	Hs.126908	NP_073752

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
11912	0.007185	hypothetical protein MGC40157 (MGC40157), mRNA /cds=(106,498) /gb=NM_152350 /gi=22748758 /ug=Hs.295362 /len=1250	NM_152350	Hs.295362	NP_689563
11923	0.039219	unidentified mRNA, partial sequence. /gb=U43604 /gi=1171236 /ug=Hs.159901 /len=1677	U43604	Hs.159901	
11940	0.028884	sorting nexin 14 (SNX14), transcript variant 1, mRNA /cds=(182,3022) /gb=NM_153816 /gi=24797144 /ug=Hs.375181 /len=3490	NM_153816	Hs.375181	NP_722523
11955	0.028884	mRNA for KIAA0935 protein, partial cds. /cds=(1,2472) /gb=AB023152 /gi=4589513 /ug=Hs.12183 /len=6189	AB023152	Hs.12183	
11964	0.013668	golgi reassembly stacking protein 2, 55kDa (GORASP2), mRNA /cds=(52,1524) /gb=NM_015530 /gi=20127538 /ug=Hs.6880 /len=2424	NM_015530	Hs.6880	NP_056345
11970	0.017708	mRNA for KIAA1728 protein, partial cds. /cds=(1,4937) /gb=AB051515 /gi=12698000 /ug=Hs.252748 /len=6585	AB051515	Hs.252748	
11979	0.020944	chromosome 20 open reading frame 6 (C20orf6), mRNA /cds=(109,2664) /gb=NM_016649 /gi=22507381 /ug=Hs.88820 /len=3216	NM_016649	Hs.88820	NP_057733
12003	0.00953	EST(zi39c11.s1 Soares fetal liver spleen 1NFLS S1 cDNA clone 433172 3')	AA680133		NP_660208
12007	0.010447	mRNA; cDNA DKFZp667E236 (from clone DKFZp667E236) /gb=AL833201 /gi=21733831 /ug=Hs.17767 /len=5949	AL833201	Hs.17767	
12022	0.029086	kinesin family protein 3B (KIF3B)	NM_004798		NP_004789
12051	0.042232	EST (wn37h08.x1 NCI_CGAP_Gas4 IMAGE:2447679 3')	AI888883		
12060	0.00953	mRNA for KIAA1387 protein, partial cds. /cds=(1,2853) /gb=AB037808 /gi=7243154 /ug=Hs.301434 /len=4385	AB037808	Hs.301434	
12062	0.010447	EST(wc78g04.x1 NCI_CGAP_Pan1 clone IMAGE:2324790 3')	AI701086		
12150	0.014917	hypothetical protein FLJ35382 (FLJ35382), mRNA /cds=(165,1235) /gb=NM_152608 /gi=22749244 /ug=Hs.99210 /len=1349	NM_152608	Hs.99210	NP_689821
12151	0.013668	topoisomerase (DNA) II binding protein (TOPBP1), mRNA /cds=(347,4654) /gb=NM_007027 /gi=20143948 /ug=Hs.91417 /len=5261	NM_007027	Hs.91417	NP_008958
12155	0.022722	EST AV734861 cdA H.sapiens cDNA clone cdAAPC07 5'	AV734861		

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12157	0.011439	EST 9MR2-CN0038-170200-102-c02 (CN0038)	AW843260		
12160	0.019241	DKFZp564P1871_s1 564 (synonym: hfbr2) cDNA clone DKFZp564P1871 3', mRNA sequence /clone=DKFZp564P1871 /clone_end=3' /gb=AL037446 /gi=5406837 /ug=Hs.208747 /len=556	AL037446	Hs.208747	
12178	0.019262	EST (of53c02.s1 NCI_CGAP_CNS1 IMAGE:1427906)	AA836671		
12180	0.016261	cDNA FLJ13877 fis, clone THYRO1001403. /gb=AK023939 /gi=10436034 /ug=Hs.317080 /len=3065	AK023939	Hs.317080	
12182	0.014917	Williams-Beuren Syndrome critical region protein 20 copy B (WBSCR20B), mRNA /cds=(984,1448) /gb=NM_145645 /gi=21717802 /ug=Hs.406306 /len=1634	NM_145645	Hs.406306	NP_663620
12185	0.017708	hypothetical protein FLJ37318 (FLJ37318), mRNA /cds=(226,2025) /gb=NM_152586 /gi=22749206 /ug=Hs.130184 /len=3114	NM_152586	Hs.130184	NP_689799
12190	0.024639	oxysterol binding protein-like 11 (OSBPL11), mRNA /cds=(306,2549) /gb=NM_022776 /gi=23111058 /ug=Hs.61260 /len=4206	NM_022776	Hs.61260	NP_073613
12193	0.020932	EST (yd68e02.s1 Soares fetal liver spleen 1NFLS IMAGE:113402 3')	T78464		NP_000436
12197	0.019241	DKFZp586E2017_r1 586 (synonym: hute1) cDNA clone DKFZp586E2017 5', mRNA sequence /clone=DKFZp586E2017 /clone_end=5' /gb=AL046885 /gi=5936275 /ug=Hs.413463 /len=640	AL046885	Hs.413463	
12198	0.024639	clone IMAGE:4606942, mRNA, partial cds /cds=(1,188) /gb=BC022881 /gi=18605588 /ug=Hs.369550 /len=1749	BC022881	Hs.369550	
12200	0.022722	hypothetical protein FLJ10159 (FLJ10159), mRNA /cds=(1,807) /gb=NM_018013 /gi=8922262 /ug=Hs.22505 /len=2070	NM_018013	Hs.22505	NP_060483
12213	0.026691	repetitive sequence (ALU SUBFAMILY J)	P39188		
12225	0.04883	EST (83383 Platelet cDNA 3' end)	AA371536		
12227	0.036386	cDNA, 3' end /clone=IMAGE:3038322 /clone_end=3' /gb=BE042649 /gi=8359628 /ug=Hs.275673 /len=435	BE042649	Hs.275673	
12228	0.020932	TSLC1-like 2 (TSLL2), mRNA /cds=(50,1216) /gb=NM_145296 /gi=21686976 /ug=Hs.164773 /len=2176	NM_145296	Hs.164773	NP_660339

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12236	0.039219	EST (RC2-BN0032-120200-011-h11 BN0032)	AW992887		
12237	0.031491	EST (602496405F1 NIH_MGC_75 clone IMAGE:4610376 5')	BG433151		
12240	0.013668	xq09e02.x1 NCI_CGAP_Ut1 cDNA clone IMAGE:2750138 3' similar to contains Alu repetitive element;, mRNA sequence /clone=IMAGE:2750138 /clone_end=3' /gb=AW517395 /gi=7155477 /ug=Hs.445194 /len=519	AW517395	Hs.445194	
12246	0.042232	EST (yo20f05.r1 Soares adult brain N2b5HB55Y cDNA clone IMAGE:178497 5')	H46503		
12271	0.014917	EST(ne86c04.s1 NCI_CGAP_Kid1 clone IMAGE:911142 contains L1.t1 L1 repeat)	AA480776		
12273	0.011297	EST (RC4-MT0235-061200-011-e04 MT0235)	BF900451		
12294	0.012511	EST(7e58a12.x1 Soares_NSF_F8_9W_OT_PA_P_S1 cDNA clone IMAGE:3286654 3')	BE644843		NP_006845
12311	0.007903	DKFZP566I1024 protein (DKFZP566I1024), mRNA /cds=(48,953) /gb=NM_015411 /gi=24308052 /ug=Hs.279696 /len=2005	NM_015411	Hs.279696	NP_056226
12328	0.012511	AGENCOURT_8877967 Lupski_sciatic_nerve cDNA clone IMAGE:6198711 5', mRNA sequence /clone=IMAGE:6198711 /clone_end=5' /gb=BQ932625 /gi=22348008 /ug=Hs.405864 /len=1023	BQ932625	Hs.405864	
12333	0.045433	EST (HS_5378_B2_A05_T7A RPCI-11 Human Male BAC Library genomic clone Plate=954 Col=10 Row=B)	AQ683118		
12344	0.042232	EST(cDNA clone IMAGE:5303467 5')	BI597128		
12361	0.016185	hypothetical protein FLJ30634 (FLJ30634), mRNA /cds=(618,986) /gb=NM_153014 /gi=23308520 /ug=Hs.350065 /len=2796	NM_153014	Hs.350065	NP_694559
12376	0.042827	ESTs, cDNA, 5' end /clone=IMAGE:3859365 /clone_end=5' /gb=BF032850 /gi=10740562 /ug=Hs.5367 (=ESTs, Weakly similar to T02670 probable thromboxane A2 receptor isoform beta)	BF032850	Hs.5367	
12378	0.009373	cDNA FLJ31274 fis, clone KIDNE2006334. /gb=AK055836 /gi=16550665 /ug=Hs.351722 /len=1817	AK055836	Hs.351722	
12388	0.033724	EST(cDNA clone IMAGE:4398135 5')	BF984363		

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12389	0.026691	UI-HF-BN0-afr-f-07-0-UI.r1 NIH_MGC_50 cDNA clone IMAGE:3067908 5', mRNA sequence /clone=IMAGE:3067908 /clone_end=5' /gb=BU431616 /gi=22770103 /ug=Hs.202538 /len=551	BU431616	Hs.202538	
12402	0.012511	clone 3938P1, complete sequence	AC004814		
12406	0.001319	EST(CM0-HT1297-160201-781-b03 HT1297 Homo sapiens cDNA, mRNA sequence)	BG995501		
12407	0.016185	cDNA FLJ10258 fis, clone HEMBB1000908. /gb=AK001120 /gi=7022181 /ug=Hs.258111 /len=1490	AK001120	Hs.258111	
12410	0.014917	BX094545 Soares_NFL_T_GBC_S1 cDNA clone IMAGp998G143911, mRNA sequence /clone=IMAGp998G143911_ IMAGE:1544101 /gb=BX094545 /gi=27842004 /ug=Hs.445988 /len=738	BX094545	Hs.445988	
12425	0.033724	FLJ32080 fis, clone OCBBF2000015 /cds=UNKNOWN /gb=AK056642 /gi=16552101 /ug=Hs.336425 /len=3615	AK056642	Hs.336425	
12434	0.039219	EST(cDNA clone HTFABF07 5' )	AV731260		
12439	0.014718	cDNA FLJ12048 fis, clone HEMBB1001990. /gb=AK022110 /gi=10433433 /ug=Hs.289044 /len=1805	AK022110	Hs.289044	
12452	0.031226	EST(cDNA clone IMAGE:784142 5' )	AA446766		
12465	0.039219	ESTs, cDNA, 5' end /clone=IMAGE:3922401 /clone_end=5' /gb=BE894201 /gi=10356330 /ug=Hs.176376 /len=916	BE894201	Hs.176376	
12488	0.033724	ESTs, cDNA, 3' end /clone=IMAGE:2028021 /clone_end=3' /gb=AI356348 /gi=4107969 /ug=Hs.369317 /len=512	AI356348	Hs.369317	
12505	0.019262	EST(cDNA clone HTBBS03 5' )	AV722328		
12508	0.006524	EST(Embryonic Heart cDNA Library Danio rerio cDNA 5' )	AI617030		
12514	0.039219	DCBCQH10 DCB cDNA, mRNA sequence /gb=BU198777 /gi=22717083 /ug=Hs.50273 /len=867	BU198777	Hs.50273	
12574	0.039219	UI-H-ED0-awx-b-15-0-UI.s1 NCI_CGAP_ED0 cDNA clone IMAGE:5824814 3', mRNA sequence /clone=IMAGE:5824814 /clone_end=3' /gb=BQ020068 /gi=19755345 /ug=Hs.396278 /len=1351	BQ020068	Hs.396278	

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12655	0.042232	zt59c06.s1 Soares_testis_NHT cDNA clone IMAGE:726634 3', mRNA sequence /clone=IMAGE:726634 /clone_end=3' /gb=AA398215 /gi=2051324 /ug=Hs.290951 /len=427	AA398215	Hs.290951	
12658	0.04883	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2 (GNAI2), mRNA /cds=(124,1191) /gb=NM_002070 /gi=4504040 /ug=Hs.77269 /len=1702	NM_002070	Hs.77269	NP_002061
12665	0.007903	UI-CF-FN0-aew-b-22-0-UI.s1 UI-CF-FN0 cDNA clone UI-CF-FN0-aew-b-22-0-UI 3', mRNA sequence /clone=UI-CF-FN0-aew-b-22-0-UI /clone_end=3' /gb=BU608314 /gi=23274529 /ug=Hs.432827 /len=1144	BU608314	Hs.432827	
12666	0.045433	cDNA sequence FLJ14014 fis, clone HEMBA1000290	AK024076		NP_699204
12672	0.024639	hypothetical protein FLJ10254	NP_060511		
12680	0.04883	EST (CM3-HT0528-010200-086-f04 HT0528)	BE169870		
12688	0.019241	myxoid liposarcoma associated protein 4 (MLAT4), mRNA /cds=(199,2325) /gb=NM_018192 /gi=27764881 /ug=Hs.42824 /len=3396	NM_018192	Hs.42824	NP_060662
12693	0.012511	phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase (PAICS), mRNA /cds=(206,1483) /gb=NM_006452 /gi=17388802 /ug=Hs.117950 /len=3322	NM_006452	Hs.117950	NP_006443
12701	0.016261	EST UI-H-BI2-ahq-e-01-0-UI.s1 NCI_CGAP_Sub4 cDNA clone IMAGE:2727648 3'	AW293540		NP_006816
12723	0.039219	qw21c02.x1 NCI_CGAP_Ut4 cDNA clone IMAGE:1991714 3' similar to contains Alu repetitive element;contains element L1 repetitive element ;, mRNA sequence /clone=IMAGE:1991714 /clone_end=3' /gb=AI290157 /gi=3931823 /ug=Hs.387096 /len=571	AI290157	Hs.387096	
12729	0.013668	xg60a08.x1 NCI_CGAP_Ut4 cDNA clone IMAGE:2632694 3', mRNA sequence /clone=IMAGE:2632694 /clone_end=3' /gb=AW168110 /gi=6399635 /ug=Hs.277648 /len=475	AW168110	Hs.277648	
12743	0.039219	EST (RC3-BN0036-090200-011-h11 BN0036 cDNA)	AW994082		



Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12751	0.026691	NISC_gj03b10.x1 NCI_CGAP_Pr28 cDNA clone IMAGE:3270498 3', mRNA sequence /clone=IMAGE:3270498 /clone_end=3' /gb=CB048158 /gi=27786445 /ug=Hs.201018 /len=384	CB048158	Hs.201018	
12763	0.028884	UI-H-FG0-bct-g-21-0-UI.s1 NCI_CGAP_EN1_2 cDNA clone UI-H-FG0-bct-g-21-0-UI 3', mRNA sequence /clone=UI-H-FG0-bct-g-21-0-UI /clone_end=3' /gb=BU627064 /gi=23293278 /ug=Hs.85999 /len=1075	BU627064	Hs.85999	
12797	0.028884	EST(xu17f02.x1 NCI_CGAP_Co14 cDNA clone IMAGE:2800443 3')	AW272306		NP_002201
12835	0.033724	AGENCOURT_8856629 Lupski_sciatic_nerve cDNA clone IMAGE:6200636 5', mRNA sequence /clone=IMAGE:6200636 /clone_end=5' /gb=BQ947179 /gi=22362657 /ug=Hs.356605 /len=1277	BQ947179	Hs.356605	
12846	0.031226	EST, cDNA, 5' end /clone=DKFZp761D0315 /clone_end=5' /gb=AL137968 /gi=6854648 /ug=Hs.256115 /len=523	AL137968	Hs.256115	
12862	0.001042	cDNA MR1-FN0210-301000-002-h09 FN0210	BF854986		
12873	0.012511	EST53917 Fetal heart II cDNA 3' end similar to EST containing Alu repeat, mRNA sequence /clone_end=3' /gb=AA347584 /gi=1999822 /ug=Hs.332616 /len=408	AA347584	Hs.332616	
12879	0.022722	hypothetical protein FLJ22415 (FLJ22415), mRNA /cds=(342,1463) /gb=NM_024769 /gi=13376114 /ug=Hs.135121 /len=2627	NM_024769	Hs.135121	NP_079045
12886	0.028884	EST, 602309245F1 NIH_MGC_88 cDNA clone IMAGE:4400362 5'	BF981440		
12918	0.042827	cDNA: FLJ21962 fis, clone HEP05564. /gb=AK025615 /gi=10438186 /ug=Hs.7567 /len=3323	AK025615	Hs.7567	
12921	0.026691	BX106452 NCI_CGAP_Gas4 cDNA clone IMAGp998N095583, mRNA sequence /clone=IMAGp998N095583_/_IMAGE:2255816 /gb=BX106452 /gi=27834105 /ug=Hs.200841 /len=458	BX106452	Hs.200841	
12953	0.045433	cDNA, 3' end /clone=IMAGE:436024 /clone_end=3' /gb=AA699991 /gi=2702954 /ug=Hs.348162 /len=614	AA699991	Hs.348162	

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12961	0.031491	yp92f09.r1 Soares fetal liver spleen 1NFLS cDNA clone IMAGE:194921 5', mRNA sequence /clone=IMAGE:194921 /clone_end=5' /gb=R91059 /gi=958599 /ug=Hs.330761 /len=430	R91059	Hs.330761	
12962	0.046131	UI-H-FH0-bco-e-02-0-UI.s1 NCI_CGAP_FH0 cDNA clone UI-H-FH0-bco-e-02-0-UI 3', mRNA sequence /clone=UI-H-FH0-bco-e-02-0-UI /clone_end=3' /gb=CA420130 /gi=24782785 /ug=Hs.365560 /len=716	CA420130	Hs.365560	
12973	0.022722	ESTs, cDNA, 3' end /clone=IMAGE:2504343 /clone_end=3' /gb=AW009340 /gi=5858118 /ug=Hs.372482 /len=490	AW009340	Hs.372482	
12996	0.00953	cDNA FLJ11366 fis, clone HEMBA1000282. /gb=AK021428 /gi=10432610 /ug=Hs.189002 /len=2075	AK021428	Hs.189002	
12998	0.013668	UI-H-EU0-azv-i-13-0-UI.s1 NCI_CGAP_Car1 cDNA clone IMAGE: 5854164 3', mRNA sequence /clone=IMAGE: 5854164 /clone_end=3' /gb=BQ181732 /gi=20357224 /ug=Hs.442187 /len=1042	BQ181732	Hs.442187	
13000	0.017657	EST(cDNA clone B853 )	T19901		
13005	0.031226	zx55g04.r1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:446454 5', mRNA sequence /clone=IMAGE:446454 /clone_end=5' /gb=AA203502 /gi=1799213 /ug=Hs.192991 /len=952	AA203502	Hs.192991	
13011	0.04883	UI-E-DW1-ahd-k-04-0-UI.s1 UI-E-DW1 cDNA clone UI-E-DW1-ahd-k-04-0-UI 3', mRNA sequence /clone=UI-E-DW1-ahd-k-04-0-UI /clone_end=3' /gb=BM669289 /gi=18979186 /ug=Hs.352788 /len=1150	BM669289	Hs.352788	
13013	0.014917	EST(cDNA clone IMAGE:2542504 3' similar to contains Alu repetitive element; )	AW057714		
13021	0.004691	EST(cDNA clone GLCAOE01 3' )	AV646538		
13024	0.022722	cDNA FLJ12317 fis, clone MAMMA1002058. /gb=AK022379 /gi=10433764 /ug=Hs.288464 /len=2403	AK022379	Hs.288464	
13064	0.008683	No significant match (ORF:-1:37~186[150])	SEQ.ID.No.63		

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
13072	0.039719	yr21g01.s1 Soares fetal liver spleen 1NFLS cDNA clone IMAGE:205968 3' similar to contains Alu repetitive element;contains MER35 repetitive element ;, mRNA sequence /clone=IMAGE:205968 /clone_end=3' /gb=H58501 /gi=1011333 /ug=Hs.347143 /len=461	H58501	Hs.347143	
13098	0.00953	No significant match (ORF:-3:1~153[153])	SEQ.ID.No.61		
13101	0.046131	control			
13131	0.012511	protocadherin 18 (PCDH18), mRNA /cds=(388,3795) /gb=NM_019035 /gi=14589928 /ug=Hs.97266 /len=5157	NM_019035	Hs.97266	NP_061908
13139	0.04883	chromosome 1 open reading frame 8 (C1orf8), mRNA /cds=(251,1222) /gb=NM_004872 /gi=27545320 /ug=Hs.416495 /len=1709	NM_004872	Hs.416495	NP_004863
13144	0.042232	lethal giant larvae 1 (Drosophila) (LLGL1), mRNA /cds=(7,3177) /gb=NM_004140 /gi=22547226 /ug=Hs.95659 /len=3225	NM_004140	Hs.95659	NP_004131
13149	0.005916	mRNA; cDNA DKFZp686P1116 (from clone DKFZp686P1116) /gb=AL832180 /gi=21732725 /ug=Hs.265891 /len=2661	AL832180	Hs.265891	
13164	0.020932	hypothetical protein FLJ12298 (FLJ12298), mRNA /cds=(205,1890) /gb=NM_032164 /gi=14149844 /ug=Hs.284168 /len=2180	NM_032164	Hs.284168	NP_115540
13171	0.028884	hypothetical gene supported by XM_064780 (LOC125750), mRNA	XM_064780		
13179	0.022722	similar to KH domain RNA binding protein QKI-5A (H. sapiens) (LOC135473), mRNA	XM_037438		
13185	0.026691	mRNA; cDNA DKFZp667H216 (from clone DKFZp667H216) /gb=AL833204 /gi=21733834 /ug=Hs.356145 /len=3782	AL833204	Hs.356145	
13189	0.003208	E74-like factor 2 (ets domain transcription factor) (ELF2), mRNA /cds=(122,1723) /gb=NM_006874 /gi=6857815 /ug=Hs.82143 /len=2993	NM_006874	Hs.82143	NP_006865
13222	0.028884	yf95a11.s1 Soares infant brain 1NIB cDNA clone IMAGE:30037 3', mRNA sequence /clone=IMAGE:30037 /clone_end=3' /gb=R41424 /gi=816727 /ug=Hs.387904 /len=396	R41424	Hs.387904	
13229	0.024639	runt-related transcription factor 1 (acute myeloid leukemia 1; aml1 oncogene) (RUNX1), mRNA /cds=(445,1887) /gb=NM_001754 /gi=19923197 /ug=Hs.129914 /len=6212	NM_001754	Hs.129914	NP_001745

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
13236	0.024639	glutamate receptor, metabotropic 6 (GRM6), mRNA /cds=(179,2812) /gb=NM_000843 /gi=6006006/ug=Hs.248131 /len=6122	NM_000843	Hs.248131	NP_000834
13247	0.036386	phosphoserine phosphatase (PSPH), mRNA /cds=(20,697) /gb=NM_004577 /gi=21614545 /ug=Hs.56407 /len=1432	NM_004577	Hs.56407	NP_004568
13281	0.033724	cDNA FLJ11379 fis, clone HEMBA1000469. /gb=AK021441 /gi=10432627 /ug=Hs.200113 /len=1672	AK021441	Hs.200113	
13289	0.033724	cDNA: FLJ23538 fis, clone LNG08010, highly similar to BETA2 MEN1 region clone epsilon/beta mRNA. /gb=AK027191 /gi=10440260 /ug=Hs.240443 /len=1746	AK027191	Hs.240443	
13315	0.012511	partial RANBP7 gene for RanBP7/importin7 and partial ZNF143 gene	AJ295844		
13320	0.014917	cDNA FLJ23879 fis, clone LNG13743. /gb=AK074459 /gi=18677071 /ug=Hs.352648 /len=1514	AK074459	Hs.352648	
13384	0.036386	DKFZP586D2223 protein, mRNA full length insert cDNA clone EUROIMAGE 1476271	AJ420544		NP_061031
13405	0.013668	qw21c02.x1 NCI_CGAP_Ut4 cDNA clone IMAGE:1991714 3' similar to contains Alu repetitive element;contains element L1 repetitive element ;, mRNA sequence /clone=IMAGE:1991714 /clone_end=3' /gb=AI290157 /gi=3931823 /ug=Hs.387096 /len=571	AI290157	Hs.387096	
13444	0.042232	EST(ye47c11.r1 clone 120884 5')	T96079		NP_598014
13484	0.010447	hypothetical protein FLJ10956 (FLJ10956), mRNA /cds=(181,675) /gb=NM_018283 /gi=8922791 /ug=Hs.144407 /len=2022	NM_018283	Hs.144407	NP_060753
13513	0.020932	EST(PM3-SN0020-270300-001-h08 SN0020)	AW865025		NP_115668
13565	0.042232	EST ni39e06.s1 NCI_CGAP_Lu1 cDNA clone IMAGE:979234 3' similar to contains Alu repetitive element;contains MER10.t2 MER10 repetitive element ;	AA522708		
13566	0.042232	EST (cDNA AV753014 NPDclone NPDALH02 5')	AV753014		NP_055635
13592	0.007903	hypothetical gene supported by XM_074528 (LOC123829), mRNA	XM_074528		
13594	0.028884	cDNA FLJ30806 fis, clone FEBRA2001334. /gb=AK055368 /gi=16550081 /ug=Hs.150011 /len=2915	AK055368	Hs.150011	

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
13606	0.012511	phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoimidazole succinocarboxamide synthetase (PAICS), mRNA /cds=(206,1483) /gb=NM_006452 /gi=17388802 /ug=Hs.117950 /len=3322	NM_006452	Hs.117950	NP_006443
13610	0.009373	karyopherin alpha 3 (importin alpha 4) (KPNA3), mRNA /cds=(92,1657) /gb=NM_002267 /gi=4504898 /ug=Hs.3886 /len=2245	NM_002267	Hs.3886	NP_002258
13615	0.028884	mRNA full length insert cDNA clone EUROIMAGE 1476475 /gb=AJ420560 /gi=17066424 /ug=Hs.93231 /len=1346	AJ420560	Hs.93231	
13643	0.039219	glycyl-tRNA synthetase (GARS), mRNA /cds=(519,2576) /gb=NM_002047 /gi=6996009 /ug=Hs.293885 /len=2742	NM_002047	Hs.293885	NP_002038
13644	0.017708	AGENCOURT_6497573 NIH_MGC_125 cDNA clone IMAGE:5588748 5', mRNA sequence /clone=IMAGE:5588748 /clone_end=5' /gb=BM544964 /gi=18776658 /ug=Hs.406354 /len=1184	BM544964	Hs.406354	
13647	0.036799	signal transducer and activator of transcription 3 (acute-phase response factor) (STAT3), transcript variant 1, mRNA /cds=(241,2553) /gb=NM_139276 /gi=21618339 /ug=Hs.321677 /len=3455	NM_139276	Hs.321677	NP_644805
13660	0.004849	UI-CF-FN0-aew-b-22-0-UI.s1 UI-CF-FN0 cDNA clone UI-CF-FN0-aew-b-22-0-UI 3', mRNA sequence /clone=UI-CF-FN0-aew-b-22-0-UI /clone_end=3' /gb=BU608314 /gi=23274529 /ug=Hs.432827 /len=1144	BU608314	Hs.432827	
13672	0.045433	six transmembrane epithelial antigen of the prostate (STEAP), mRNA /cds=(201,1220) /gb=NM_012449 /gi=22027487 /ug=Hs.61635 /len=1330	NM_012449	Hs.61635	NP_036581
13675	0.020932	guanine nucleotide binding protein beta subunit 4 (GNB4), mRNA /cds=(281,1303) /gb=NM_021629 /gi=20357531 /ug=Hs.172654 /len=3302	NM_021629	Hs.172654	NP_067642
13676	0.008683	FLJ22485 fis, clone HRC10901, highly similar to AF116718 Homo sapiens PRO2900 mRNA (AK026138.1)	AK026138	Hs.283473	
13732	0.04883	oxysterol binding protein-like 9 (OSBPL9), transcript variant 7, mRNA /cds=(20,2260) /gb=NM_148909 /gi=22547175 /ug=Hs.21938 /len=2949	NM_148909	Hs.21938	NP_683707

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
13734	0.039219	hypothetical protein IMAGE3455200 (IMAGE3455200), mRNA /cds=(48,539) /gb=NM_024006 /gi=13124769 /ug=Hs.324844 /len=871	NM_024006	Hs.324844	NP_076869
13735	0.028884	lectin, galactoside-binding, soluble, 8 (galectin 8) (LGALS8), mRNA /cds=(384,1463) /gb=NM_006499 /gi=21361353 /ug=Hs.4082 /len=2593	NM_006499	Hs.4082	NP_006490
13757	0.045433	PABP-interacting protein 2 (PAIP2), mRNA /cds=(150,533) /gb=NM_016480 /gi=19923458 /ug=Hs.396644 /len=1514	NM_016480	Hs.396644	NP_057564
13762	0.007903	chloride intracellular channel 4 (CLIC4), mRNA /cds=(198,959) /gb=NM_013943 /gi=7330334 /ug=Hs.25035 /len=4318	NM_013943	Hs.25035	NP_039234
13770	0.005916	Similar to hypothetical protein FLJ22789, clone MGC:34762 IMAGE:5189049, mRNA, complete cds /cds=(22,1833) /gb=BC029120 /gi=20810106 /ug=Hs.48994 /len=2085	BC029120	Hs.48994	
13778	0.024639	WD repeat domain 9, mRNA; cDNA DKFZp434B249 (from clone DKFZp434B249) (AL162036.1)	AL162036	Hs.225674	NP_387505
13782	0.002322	citrate synthase (CS), nuclear gene encoding mitochondrial protein, mRNA /cds=(1,1401) /gb=NM_004077 /gi=4758075 /ug=Hs.239760 /len=1401	NM_004077	Hs.239760	NP_004068
13783	0.001661	centrin, EF-hand protein, 2 (CETN2), mRNA /cds=(48,566) /gb=NM_004344 /gi=4757901 /ug=Hs.82794 /len=1087	NM_004344	Hs.82794	NP_004335
13792	0.009373	hypothetical protein MGC30052 (MGC30052), mRNA /cds=(35,703) /gb=NM_144721 /gi=21389506 /ug=Hs.143692 /len=2260	NM_144721	Hs.143692	NP_653322
13793	0.034059	FLJ12671 Hypothetical protein, mRNA; cDNA DKFZp434M011 (from clone DKFZp434M011) /cds=UNKNOWN /gb=AL096734 /gi=5419867 /ug=Hs.301904 /len=3180	AL096734	Hs.301904	NP_112242
13795	0.022722	hypothetical protein FLJ21302 (FLJ21302), mRNA /cds=(91,1203) /gb=NM_022901 /gi=12597640 /ug=Hs.128071 /len=3160	NM_022901	Hs.128071	NP_075052
13798	0.011439	SET binding protein 1 (SETBP1), mRNA /cds=(6,4634) /gb=NM_015559 /gi=7662121 /ug=Hs.151717 /len=5744	NM_015559	Hs.151717	NP_056374
13812	0.045433	plasminogen activator, tissue (PLAT), transcript variant 1, mRNA /cds=(209,1897) /gb=NM_000930 /gi=14702165 /ug=Hs.274404 /len=2653	NM_000930	Hs.274404	NP_127509

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
13816	0.006524	mRNA for FLJ00005 protein, partial cds. /cds=(1,338) /gb=AK000005 /gi=7209310 /ug=Hs.367690 /len=4706	AK000005	Hs.367690	
13817	0.04883	MAD, mothers against decapentaplegic 7 (Drosophila) (MADH7), mRNA /cds=(296,1576) /gb=NM_005904. /gi=5174516 /ug=Hs.100602 /len=3111	NM_005904	Hs.100602	NP_005895
13829	0.042232	FLJ11463 fis, clone HEMBA1001608 /cds=UNKNOWN /gb=AK021525 /gi=10432722 /ug=Hs.288888 /len=1898	AK021525	Hs.288888	
13840	0.031226	FLJ11292 (FLJ11292) hypothetical protein, mRNA /cds=(150,614) /gb=NM_018382 /gi=8922980 /ug=Hs.272246 /len=1948	NM_018382	Hs.272246	NP_060852
13847	0.028884	hypothetical protein MGC45416 (MGC45416), mRNA /cds=(205,504) /gb=NM_152398 /gi=22748848 /ug=Hs.95835 /len=660	NM_152398	Hs.95835	NP_689611
13849	0.022722	hypothetical protein FLJ31951 (FLJ31951), mRNA /cds=(28,2103) /gb=NM_144726 /gi=21389514 /ug=Hs.349306 /len=3362	NM_144726	Hs.349306	NP_653327
13885	0.031226	EST DKFZp434H1418_r1 434 (synonym:htes3) cDNA clone DKFZp434H1418	AL048856		NP_006531
13887	0.022722	EST (qh80g11.x1 Soares_fetal_liver_spleen_1NFLS_S1 IMAGE:1851044 3')	AI249016		NP_115602
13891	0.017708	cDNA FLJ38641 fis, clone HHDP2003983. /gb=AK095960 /gi=21755328 /ug=Hs.24831 /len=2685	AK095960	Hs.24831	
13914	0.024639	hypothetical protein FLJ11193 (FLJ11193), mRNA /cds=(115,1443) /gb=NM_018356 /gi=8922930 /ug=Hs.151046 /len=2719	NM_018356	Hs.151046	NP_060826
13922	0.020932	cDNA FLJ36579 fis, clone TRACH2012647. /gb=AK093898 /gi=21752852 /ug=Hs.48653 /len=2318	AK093898	Hs.48653	
13923	0.011439	mRNA for KIAA1754 protein, partial cds. /cds=(32,1816) /gb=AB051541 /gi=12698052 /ug=Hs.28501 /len=4088	AB051541	Hs.28501	NP_203755
13926	0.012511	wo08b04.x1 NCI_CGAP_Pan1 cDNA clone IMAGE:2454703 3', mRNA sequence /clone=IMAGE:2454703 /clone_end=3' /gb=AI927713 /gi=5663677 /ug=Hs.137546 /len=509	AI927713	Hs.137546	
13952	0.007185	cDNA FLJ13342 fis, clone OVARC1001950. /gb=AK023404 /gi=10435328 /ug=Hs.255890 /len=2490	AK023404	Hs.255890	

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
13956	0.011439	zh79h09.s1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:418337 3', mRNA sequence /clone=IMAGE:418337 /clone_end=3' /gb=W92715 /gi=1421867 /ug=Hs.59358 /len=397	W92715	Hs.59358	
13958	0.039219	ws64f01.x1 NCI_CGAP_Brn23 cDNA clone IMAGE:2501977 3', mRNA sequence /clone=IMAGE:2501977 /clone_end=3' /gb=AW026829 /gi=5885633 /ug=Hs.161332 /len=480	AW026829	Hs.161332	
13962	0.04883	602591134F1 NIH_MGC_77 cDNA clone IMAGE:4717761 5', mRNA sequence /clone=IMAGE:4717761 /clone_end=5' /gb=BG570144 /gi=13577797 /ug=Hs.437115 /len=672	BG570144	Hs.437115	
13990	0.026691	mRNA; cDNA DKFZp686J19116 (from clone DKFZp686J19116) /gb=AL833458 /gi=21734100 /ug=Hs.428760 /len=3297	AL833458	Hs.428760	
14021	0.020932	UI-E-EJ0-ahg-j-09-0-UI.r1 UI-E-EJ0 cDNA clone UI-E-EJ0-ahg-j-09-0-UI 5', mRNA sequence /clone=UI-E-EJ0-ahg-j-09-0-UI /clone_end=5' /gb=BM712784 /gi=19026042 /ug=Hs.278378 /len=1255	BM712784	Hs.278378	
14026	0.028884	EST (7b55g08.x1 NCI_CGAP_Lu24 cDNA clone IMAGE:3232190 3')	BE551192		NP_620278
14053	0.04883	EST (yg47c12.s1 Soares infant brain 1NIB IMAGE:35771 3') (contains Alu repetitive element)	R45369		
14062	0.045433	P1-Cdc21 mRNA /cds=(1,2774) /gb=X74794 /gi=683749 /ug=Hs.154443 /len=3273	X74794	Hs.154443	
14069	0.008683	EST np77c06.s1 NCI_CGAP_Pr2 cDNA clone IMAGE:1132330 similar to contains Alu repetitive element;	AA622809		
14105	0.031226	Kruppel-like factor 12 (KLF12), transcript variant 1, mRNA /cds=(199,1407) /gb=NM_007249 /gi=21071073 /ug=Hs.23510 /len=10891	NM_007249	Hs.23510	NP_057369
14108	0.020932	EST (381219 MAGE resequences MAGK)	AW969142		
14112	0.00953	BX094467 Soares fetal liver spleen 1NFLS cDNA clone IMAGp998J03121, mRNA sequence /clone=IMAGp998J03121;_IMAGE:12451 4 /gb=BX094467 /gi=27827126 /ug=Hs.122140 /len=805	BX094467	Hs.122140	



Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
14121	0.04883	spindlin-like protein 2 (SPIN2), mRNA /cds=(494,1192) /gb=NM_019003 /gi=9506850 /ug=Hs.82577 /len=2483	NM_019003	Hs.82577	NP_061876
14143	0.005359	xu31e02.x1 NCI_CGAP_Ov40 cDNA clone IMAGE:2801786 3' similar to contains Alu repetitive element;, mRNA sequence /clone=IMAGE:2801786 /clone_end=3' /gb=AW419224 /gi=6947156 /ug=Hs.371445 /len=471	AW419224	Hs.371445	
14183	0.005916	EST(cDNA clone IMAGE:3212553 3' )	BE467153		NP_059996
14184	0.005916	EST(clone IMAGE:2509657 3')	AI955713		
14187	0.039219	EST(RC5-HT0581-210300-021-B05 HT0581)	BE175638		
14188	0.022722	mRNA; cDNA DKFZp54711315 (from clone DKFZp54711315) /cds=(1,299) /gb=AL831836 /gi=21732315 /ug=Hs.356494 /len=3552	AL831836	Hs.356494	
14228	0.040798	mRNA for FLJ00265 protein /cds=(1,468) /gb=AK122581 /gi=28273117 /ug=Hs.127830 /len=4752	AK122581	Hs.127830	
14231	0.022722	wg85c11.x1 Soares_NSF_F8_9W_OT_PA_P_S1 cDNA clone IMAGE:2371892 3' similar to contains Alu repetitive element;, mRNA sequence /clone=IMAGE:2371892 /clone_end=3' /gb=AI743032 /gi=5111320 /ug=Hs.310364 /len=562	AI743032	Hs.310364	
14249	0.033724	mitochondrion, complete genome	NC_001807		
14279	0.033724	AL535026 LTI_FL013_FBrn1 cDNA clone CS0DF007YJ21 3 prime, mRNA sequence /clone=CS0DF007YJ21 /clone_end=3' /gb=AL535026 /gi=12798519 /ug=Hs.268474 /len=921	AL535026	Hs.268474	
14335	0.031226	EST(clone ADBAOB04 5' )	AV705982		NP_006633
14343	0.036386	UI-H-FH1-bfp-m-06-0-UI.s1 NCI_CGAP_FH1 cDNA clone UI-H-FH1-bfp-m-06-0-UI 3', mRNA sequence /clone=UI-H-FH1-bfp-m-06-0-UI /clone_end=3' /gb=BU619573 /gi=23285788 /ug=Hs.312629 /len=1168	BU619573	Hs.312629	
14346	0.042232	cDNA clone CBLAPH08 5'	AV739829		
14374	0.024639	RC4-HT0277-160200-013-d07 HT0277 cDNA, mRNA sequence /gb=BE151126 /gi=8613847 /ug=Hs.158600 /len=571	BE151126	Hs.158600	
14379	0.022722	Similar to hypothetical protein FLJ20489, clone MGC:50559 IMAGE:5744381, mRNA, complete cds /cds=(290,1078) /gb=BC039535 /gi=24659157 /ug=Hs.440840 /len=2078	BC039535	Hs.440840	NP_776163

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
14386	0.033724	UI-E-EJ0-aik-i-20-0-UI.r1 UI-E-EJ0 cDNA clone UI-E-EJ0-aik-i-20-0-UI 5', mRNA sequence /clone=UI-E-EJ0-aik-i-20-0-UI /clone_end=5' /gb=BM727413 /gi=19048746 /ug=Hs.112619 /len=1667	BM727413	Hs.112619	
14428	0.033724	EST(cDNA clone IMAGE:1760118 3' )	AI209166		NP_079229
14451	0.033724	No significant match	SEQ.ID.No.13		
14472	0.031226	control			
14478	0.026691	EST(Erythroid Cells (LCB:ax library) cDNA clone ax38c12 random )	BG943485		NP_714916
14495	0.005753	No significant match	SEQ.ID.No.74		
14504	0.012381	No significant match (ORF:none)	SEQ.ID.No.22		
14517	0.024639	xq09e02.x1 NCI_CGAP_Ut1 cDNA clone IMAGE:2750138 3' similar to contains Alu repetitive element;, mRNA sequence /clone=IMAGE:2750138 /clone_end=3' /gb=AW517395 /gi=7155477 /ug=Hs.445194 /len=519	AW517395	Hs.445194	
14519	0.019241	ATP-binding cassette, sub-family A (ABC1), member 5 (ABCA5), transcript variant 1, mRNA /cds=(1219,6147) /gb=NM_018672 /gi=27262623 /ug=Hs.180513 /len=7044	NM_018672	Hs.180513	NP_758424
14521	0.049642	HSC15D092 normalized infant brain cDNA cDNA clone c-15d09 3', mRNA sequence /clone=c-15d09 /clone_end=3' /gb=Z39248 /gi=562440 /ug=Hs.27328 /len=352	Z39248	Hs.27328	
14526	0.042232	EST (UI-HF-BL0-adc-e-05-0-UI.s1	AW575379		
14535	0.034059	EST (oh07d11.s1 NCI_CGAP_Kid3 cDNA clone IMAGE:1457109 3')	AA862627		
14536	0.026691	hypothetical protein FLJ14117 (FLJ14117), mRNA /cds=(41,598) /gb=NM_022777 /gi=12232462 /ug=Hs.61809 /len=2359	NM_022777	Hs.61809	NP_073614
14551	0.049642	EST (ng23f02.s1 NCI_CGAP_Ov2 cDNA clone IMAGE:930267 similar to contains Alu repetitive element)	AA502813		
14553	0.036799	hypothetical protein H41 (H41), mRNA /cds=(324,1100) /gb=NM_017548 /gi=24475997 /ug=Hs.283690 /len=3346	NM_017548	Hs.283690	NP_060018
14565	0.039219	oq98a10.x1 NCI_CGAP_Co12 cDNA clone IMAGE:1594362 3' similar to contains Alu repetitive element;, mRNA sequence /clone=IMAGE:1594362 /clone_end=3' /gb=AI074369 /gi=3401013 /ug=Hs.386367 /len=478	AI074369	Hs.386367	

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
14567	0.017708	UI-H-FH1-bfp-m-06-0-UI.s1 NCI_CGAP_FH1 cDNA clone UI-H-FH1-bfp-m-06-0-UI 3', mRNA sequence /clone=UI-H-FH1-bfp-m-06-0-UI /clone_end=3' /gb=BU619573 /gi=23285788 /ug=Hs.312629 /len=1168	BU619573	Hs.312629	
14572	0.034059	hi79g03.x1 Soares_NFL_T_GBC_S1 cDNA clone IMAGE:2978548 3' similar to gb:M97016 BONE MORPHOGENETIC PROTEIN 8 PRECURSOR mRNA sequence /clone=IMAGE:2978548 /clone_end=3' /gb=AW661990 /gi=7454526 /ug=Hs.409964 /len=528	AW661990	Hs.409964	
14612	0.033724	EST (AL536815 LTI_FL013_FBrn1 clone CS0DF020YK05 5')	AL536815		
14629	0.012511	UI-H-ED1-axs-i-05-0-UI.s1 NCI_CGAP_ED1 cDNA clone IMAGE:5833036 3', mRNA sequence /clone=IMAGE:5833036 /clone_end=3' /gb=BQ014114 /gi=19739015 /ug=Hs.195045 /len=1024	BQ014114	Hs.195045	
14638	0.03318	602623674F1 NCI_CGAP_Skn4 cDNA clone IMAGE:4748515 5', mRNA sequence /clone=IMAGE:4748515 /clone_end=5' /gb=BG677029 /gi=13908426 /ug=Hs.123445 /len=882	BG677029	Hs.123445	
14648	0.012381	mRNA; cDNA DKFZp667J1615 (from clone DKFZp667J1615) /gb=AL713792 /gi=19584550 /ug=Hs.120388 /len=4127	AL713792	Hs.120388	
14653	0.011439	EST (MR0-BT0798-280400-001-d04 BT0798 cDNA)	BE095198		
14663	0.039219	EST(zs14a10.r1 NCI_CGAP_GCB1 cDNA clone IMAGE:685146 5')	AA243380		NP_057315
14668	0.039219	UI-H-BI3-akn-c-08-0-UI.s1 NCI_CGAP_Sub5 cDNA clone IMAGE:2734839 3', mRNA sequence /clone=IMAGE:2734839 /clone_end=3' /gb=AW450357 /gi=6991133 /ug=Hs.438438 /len=794	AW450357	Hs.438438	
14682	0.04883	clone IMAGE:5277612, mRNA /gb=BC043650 /gi=27693174 /ug=Hs.378059 /len=3723	BC043650	Hs.378059	
14694	0.039719	cDNA FLJ35910 fis, clone TESTI2009987 /gb=AK093229 /gi=21752038 /ug=Hs.348902 /len=2035	AK093229	Hs.348902	
14695	0.04883	EST(cDNA clone IMAGE:1240639 3' similar to contains Alu repetitive element)	AA808945		

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
14697	0.033724	EST00015 NCI_CGAP_Lu5 cDNA clone IMAGE:1568018 3', mRNA sequence /clone=IMAGE:1568018 /clone_end=3' /gb=BF707422 /gi=11999083 /ug=Hs.298289 /len=858	BF707422	Hs.298289	
14709	2.56E-04	Similar to hypothetical protein FLJ20378, clone IMAGE:5547904, mRNA, partial cds /cds=(1,802) /gb=BC035643 /gi=23274249 /ug=Hs.202613 /len=1653	BC035643	Hs.202613	
14719	0.036386	EST(cDNA clone IMAGE:2387836 3' similar to contains Alu repetitive element;contains element MER22 repetitive element ;)	AI760555		NP_658913
14720	0.039219	cDNA FLJ32224 fis, clone PLACE6004336. /gb=AK056786 /gi=16552290 /ug=Hs.406907 /len=3076	AK056786	Hs.406907	
14735	0.031226	cDNA, 5' end /clone=IMAGE:3536351 /clone_end=5' /gb=BE264613 /gi=9138170 /ug=Hs.335864 /len=759	BE264613	Hs.335864	NP_663302
14736	0.00208	FLJ33160 fis, clone UTERU2000485 /cds=UNKNOWN /gb=AK057722 /gi=16553641 /ug=Hs.124733 /len=2328	AK057722	Hs.124733	
14746	0.039219	tw36f05.x1 NCI_CGAP_Ut1 cDNA clone IMAGE:2261793 3' similar to contains Alu repetitive element;, mRNA sequence /clone=IMAGE:2261793 /clone_end=3' /gb=AI889108 /gi=5594272 /ug=Hs.311004 /len=489	AI889108	Hs.311004	
14747	0.003954	ESTs, cDNA, 3' end /clone=IMAGE:432611 /clone_end=3' /gb=AA699443 /gi=2702637 /ug=Hs.193213 /len=391 zi33f06.s1	AA699443	Hs.193213	
14754	0.04883	mRNA; cDNA DKFZp313P0434 (from clone DKFZp313P0434) /gb=AL832702 /gi=21733281 /ug=Hs.125019 /len=2995	AL832702	Hs.125019	
14760	0.024734	control			
14770	0.014917	EST48277 Fetal spleen cDNA 3' end similar to EST containing Alu repeat, mRNA sequence /clone_end=3' /gb=AA342474 /gi=1994946 /ug=Hs.291585 /len=430	AA342474	Hs.291585	
14797	0.045433	EST (3' end clone=IMAGE:2540192) /clone_end=3' /gb=BI495875 /gi=15335219 /ug=Hs.347887 /len=354	BI495875	Hs.347887	NP_003109
14801	0.042232	EST(cDNA clone IMAGE:2236988 3' )	AI917081		
14806	0.013668	cDNA FLJ14279 fis, clone PLACE1005574. /gb=AK024341 /gi=10436703 /ug=Hs.250383 /len=2005	AK024341	Hs.250383	

Genes Corresponding To Differentially Expressed Genes in Figure 14 - Diabetes					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
14814	0.033724	EST387118 MAGE resequences, MAGN cDNA, mRNA sequence /gb=AW975013 /gi=8166216 /ug=Hs.292437 /len=685	AW975013	Hs.292437	
14819	0.034059	FLJ14036 fis, clone HEMBA1004709/cds=UNKNOWN /gb=AK024098 /gi=10436394 /ug=Hs.306663/len=2067	AK024098	Hs.306663	
14851	0.024639	UI-H-BW1-amm-h-09-0-UI.s1 NCI_CGAP_Sub7 cDNA clone IMAGE:3070696 3', mRNA sequence /clone=IMAGE:3070696 /clone_end=3' /gb=BF512783 /gi=11597962 /ug=Hs.443691 /len=568	BF512783	Hs.443691	
14874	0.045433	yp52f01.s1 Soares retina N2b4HR cDNA clone IMAGE:191065 3', mRNA sequence /clone=IMAGE:191065 /clone_end=3' /gb=H40700 /gi=916752 /ug=Hs.33792 /len=504	H40700	Hs.33792	
14933	0.002753	No significant match, ORF-2(2~412)	SEQ.ID.No.96		
14937	0.045433	control			
14962	0.017657	No significant match, ORF+3(30~140),+2(131~232)	SEQ.ID.No.72		